

# Converting Colors

Android(4291487484)

Have a look what the booklet for  
Android(4291487484) contains.

<b>Android(4291487484)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291487484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAE6FC
RGB	202, 230, 252
RGB Percent	79%, 90%, 99%
CMY	0.2078, 0.0980, 0.0118
CMYK	0.20, 0.09, 0.00, 0.01
HSL	206°, 89%, 89%
HSV	206°, 20%, 99%
XYZ	70.2246, 76.1785, 103.0981
YIQ	224.1360, -23.7500, 0.9060

# Conversions

## Conversions Part 2

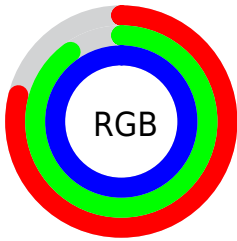
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 220, 252
Decimal	13297404
CIE Lab	89.94, -4.63, -13.73
CIE LCh	90, 14.494, 251.366
Yxy	76.1785, 0.2815, 0.3053
Android (android.graphics.Color)	4291487484 (0xFFCAE6FC)
YUV	224.1360, 13.7370, -19.4133
Hunter-Lab	87.2803, -9.1216, -8.9390

# Details

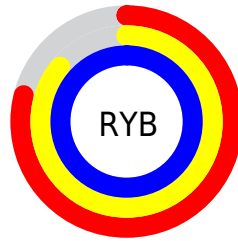
The Android color `4291487484` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294762698`, and the grayscale version is `4292927712`.

A 20% lighter version of the original color is `4294967295`, and `4287868867` is the 20% darker color. If you saturate the color by 10%, you get `4289846268`, and if you desaturate by 10%, it is `4293128700`.

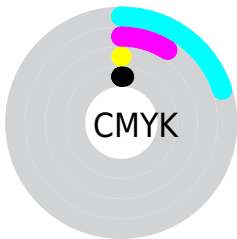
# Distribution



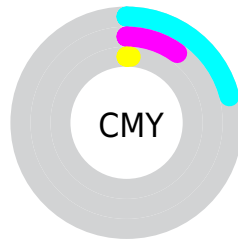
- Red (79%)
- Green (90%)
- Blue (99%)



- Red (79%)
- Yellow (86%)
- Blue (99%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)




- Cyan (21%)
- Magenta (10%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291487484 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4291487484 by changing the saturation by 10% instead.



 4291487484

 4291487484

4294967295


 4289645279

 4287868867

 4286157992

 4284512910

 4282868084

 4281289308

 4279710532

 4278197806

 4278190362

■ 4291487484

■ 4291487484

■ 4289846268

■ 4293128700

■ 4288205052

■ 4294769916

■ 4286498300

4294967292

■ 4284857084

■ 4283215868

■ 4281574396

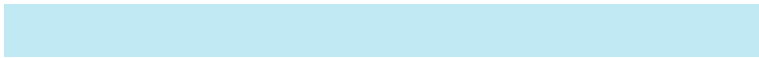
■ 4279933180

■ 4278226428

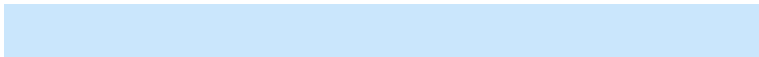
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290832884



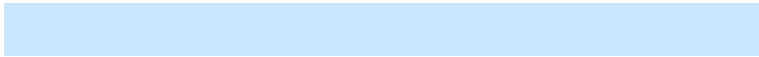
4291487484



4292535037

# Triad

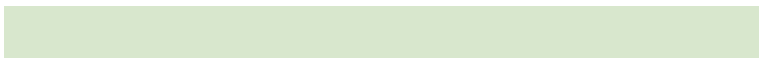
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291487484



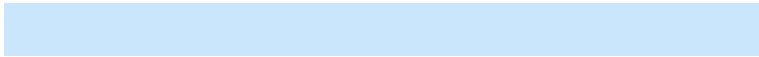
4294957533



4292405197

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4291487484



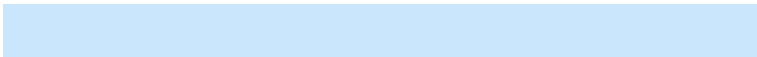
4294762698

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293452743



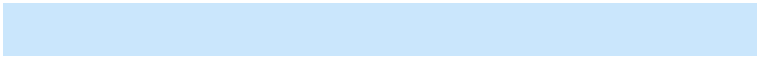
4291487484



4294892496

# Square

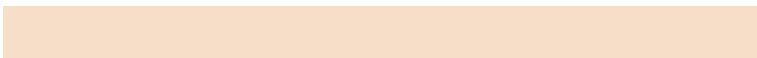
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291487484



4294564587



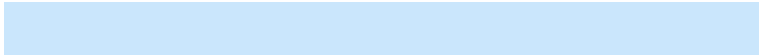
4294368968



4291422937

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291487484



4293320442



4294368968

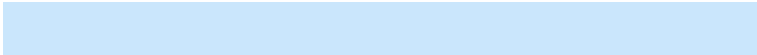


4292732618



# Sweetspot

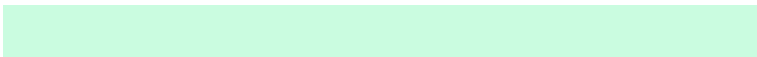
The Sweet Spot groups the original color and five complimentary colors.



4291487484



4293982463



4291493088



4286020736



4278190080

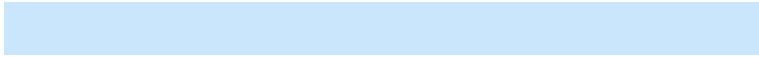


4286611584

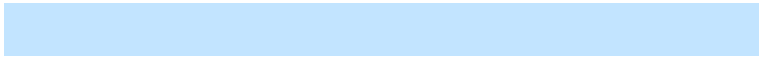


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291487484



4290962687



4291481084



4285560701



4278217405



4278198845



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294757094



4294951652



4294769098



4286410871



4290576490

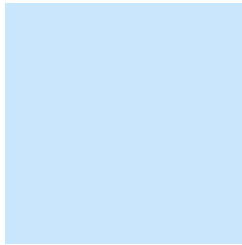


4282187810



# Previews

## White Background



This preview shows how the Android color 4291487484 looks on a white background.

## Color Contrast Check

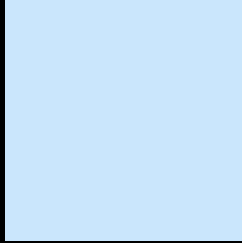
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291487484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

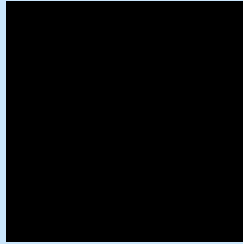
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

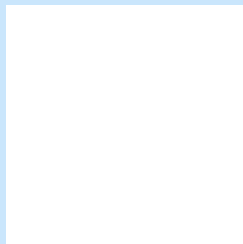
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291487484 Background



This preview shows how black text looks on a background with the Android color 4291487484.



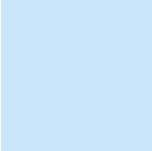
This preview shows how white text looks on a background with the Android color 4291487484.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

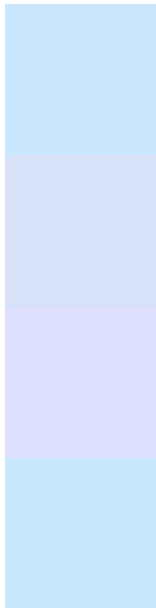
## Dichromacy





**Tritanopia**  
4291422201

# Trichromacy



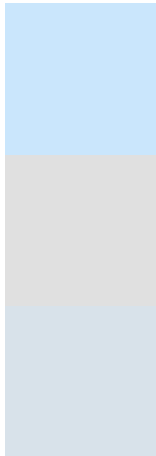
**Original Color**  
4291487484

**Protanomaly**  
4292338425

**Deuteranomaly**  
4292862205

**Tritanomaly**  
4291422202

# Monochromacy



**Original Color**  
4291487484

**Achromatopsia**  
4292927712

**Achromatomaly**  
4292403946

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291487484 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 230, 252)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 230, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 252) }
```

## Border

The CSS property to change the border of an element to Android 4291487484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 230, 252) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 230, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 230, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 230, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 230, 252);  
box-shadow:4px 4px 4px 4px rgb(202, 230,  
252) }
```

# Background

The CSS property to change the background color of an element to Android 4291487484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
230, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor