

# Converting Colors

Android(4291227637)

Have a look what the booklet for  
Android(4291227637) contains.

<b>Android(4291227637)</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(4291227637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6EFF5
RGB	198, 239, 245
RGB Percent	78%, 94%, 96%
CMY	0.2235, 0.0627, 0.0392
CMYK	0.19, 0.02, 0.00, 0.04
HSL	188°, 70%, 87%
HSV	188°, 19%, 96%
XYZ	70.6366, 80.3313, 98.1688
YIQ	227.4250, -26.3620, -6.8260

# Conversions

## Conversions Part 2

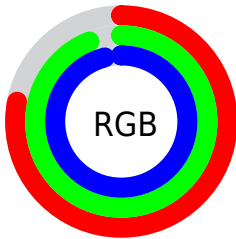
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 220, 245
Decimal	13037557
CIE <sub>Lab</sub>	91.83, -11.90, -7.29
CIE <sub>LCh</sub>	92, 13.957, 211.500
Yxy	80.3313, 0.2835, 0.3224
Android (android.graphics.Color)	4291227637 (0xFFC6EFF5)
YUV	227.4250, 8.6645, -25.8057
Hunter-Lab	89.6278, -16.1707, -2.2006

# Details

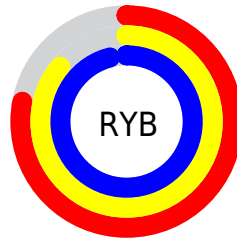
The Android color `4291227637` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4294298822`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294967295`, and `4287608765` is the 20% darker color. If you saturate the color by 10%, you get `4289654005`, and if you desaturate by 10%, it is `4292866805`.

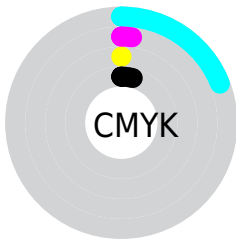
# Distribution



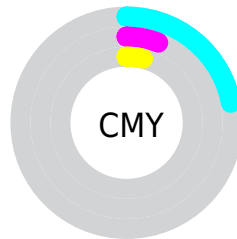
- Red (78%)
- Green (94%)
- Blue (96%)



- Red (78%)
- Yellow (86%)
- Blue (96%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)




- Cyan (22%)
- Magenta (6%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291227637 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 4291227637 by changing the saturation by 10% instead.



 4291227637

 4291227637

4294967295

 4289385433

 4287608765

 4285897890

 4284252808


 4282607982


 4281028950

 4279384639

 4278199337

 4278193429

 4291227637

 4291227637

 4289654005

 4292866805

 4288014837

 4294440437

 4286441205


 4294965493

 4284801781

 4294966517

 4283228149

 4294967285

 4281588981

 4279949813

 4278376181

 4278245109

# Harmonies

## Analogous

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



4291424488



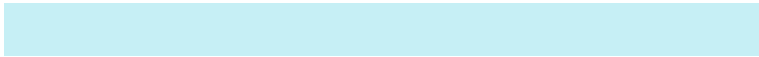
4291227637



4291620095

# Triad

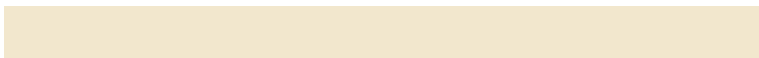
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291227637



4294631669



4294109133

# Complementary

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



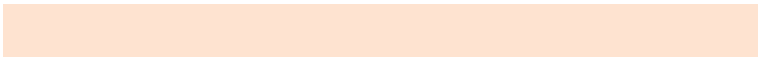
4291227637



4294298822

# 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.



4294894544



4291227637



4294959079

# Square

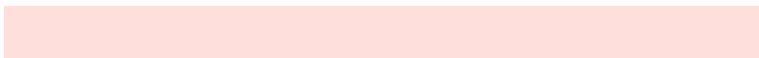
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291227637



4293649662



4294959066



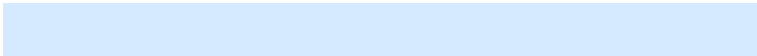
4293127121

# Rectangle

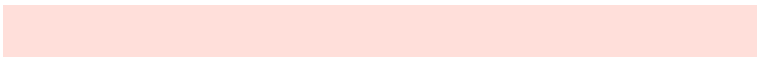
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



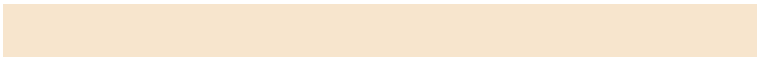
4291227637



4292209407



4294959066



4294436301



# Sweetspot

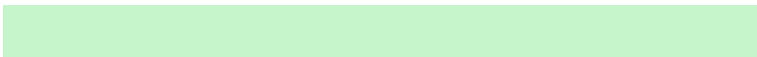
The Sweet Spot groups the original color and five complimentary colors.



4291227637



4293983743



4291229131



4286021248



4278190080

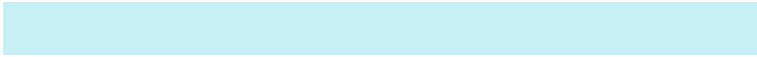


4286611584

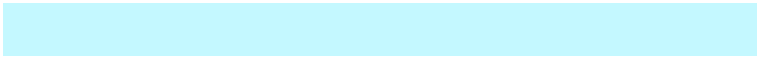


# Same Dimension

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



4291227637



4291098879



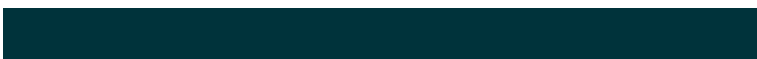
4291221749



4285430138



4278231738



4278203195



# Inverse Universe

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



4294297327



4294952184



4294304710



4286213753



4290379938

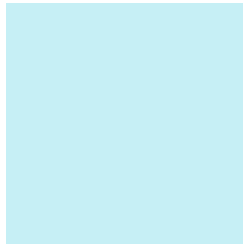


4282056755



# Previews

## White Background



This preview shows how the Android color 4291227637 looks on a white background.

## Color Contrast Check

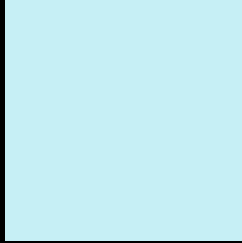
Large Text (above 18pt) WCAG AA × Fail

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 4291227637 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 4291227637 Background



This preview shows how black text looks on a background with the Android color 4291227637.



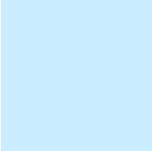
This preview shows how white text looks on a background with the Android color 4291227637.

# 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](#).

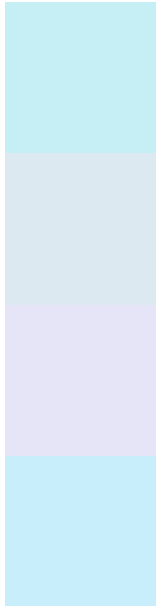
## Dichromacy





**Tritanopia**  
4291489279

# Trichromacy



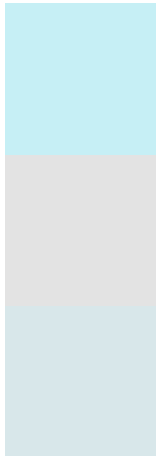
**Original Color**  
4291227637

**Protanomaly**  
4292667889

**Deuteranomaly**  
4293256695

**Tritanomaly**  
4291423995

# Monochromacy



**Original Color**  
4291227637

**Achromatopsia**  
4293125091

**Achromatomaly**  
4292405226

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291227637 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(198, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(198, 239, 245)  
}
```

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(198, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 239, 245) }
```

## Border

The CSS property to change the border of an element to Android 4291227637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

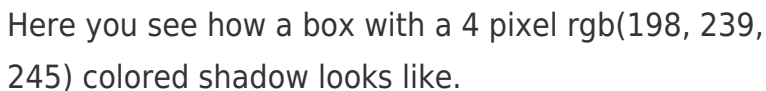
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 239, 245) }
```

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

```
.border{ border-color:rgb(198, 239, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 239, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(198, 239,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4291227637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 239, 245) }
```

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

```
.background{ background-color: rgb(198,  
239, 245) }
```

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](#).



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