

# Converting Colors

Android(4291224812)

Have a look what the booklet for  
Android(4291224812) contains.

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# **Color**

**Android(4291224812)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6E4EC
RGB	198, 228, 236
RGB Percent	78%, 89%, 93%
CMY	0.2235, 0.1059, 0.0745
CMYK	0.16, 0.03, 0.00, 0.07
HSL	193°, 50%, 85%
HSV	193°, 16%, 93%
XYZ	66.1724, 73.5487, 90.0655
YIQ	219.9420, -20.4480, -3.8720

# Conversions

## Conversions Part 2

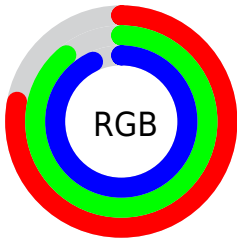
Format	Color
R <sub>Y</sub> B	198, 215, 236
Decimal	13034732
CIE Lab	88.71, -8.18, -7.21
CIE LCh	89, 10.906, 221.387
Yxy	73.5487, 0.2880, 0.3201
Android (android.graphics.Color)	4291224812 (0xFFC6E4EC)
YUV	219.9420, 7.9166, -19.2431
Hunter-Lab	85.7605, -12.3512, -2.2339

# Details

The Android color `4291224812` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `4293709510`, and the grayscale version is `4292664540`.

A 20% lighter version of the original color is `4294967295`, and `4287671732` is the 20% darker color. If you saturate the color by 10%, you get `4289650668`, and if you desaturate by 10%, it is `4292798956`.

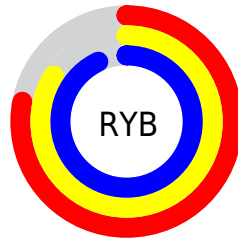
# Distribution



Red (78%)

Green (89%)

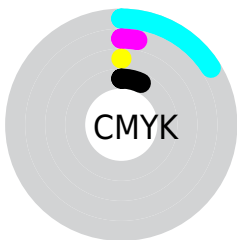
Blue (93%)



Red (78%)

Yellow (84%)

Blue (93%)

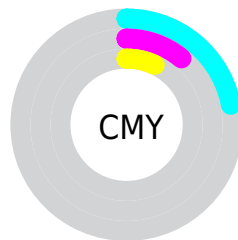


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (11%)


Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291224812 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 4291224812 by changing the saturation by 10% instead.



 4291224812

 4291224812

4294967295


 4289382608

 4287671732

 4285960857

 4284315776

 4282671206


 4281157710

 4279644472

 4278197282

 4278190092

 4291224812

 4291224812

 4289650668

 4292798956

 4288142060

 4294307564

 4286567916

 4294964204

 4285059308

 4294965484

 4283485164

 4294966764

 4281911020

 4294967276

 4280402412

 4278828268

 4278237932

# Harmonies

## Analogous

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



4291225058



4291224812



4291683058

# Triad

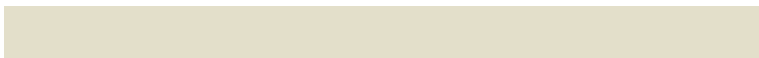
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291224812



4293974246



4293124042

# Complementary

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



4291224812



4293709510

# 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.



4293844171



4291224812



4294301915

# Square

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



4291224812



4293319662



4294236625



4292338383

# Rectangle

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



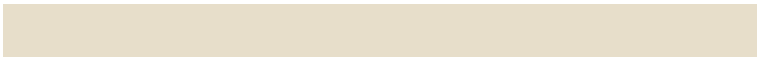
4291224812



4292206579



4294236625



4293385930



# Sweetspot

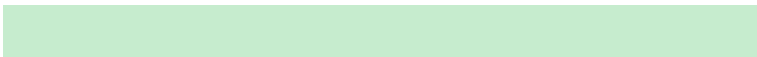
The Sweet Spot groups the original color and five complimentary colors.



4291224812



4294114559



4291226830



4286086784



4278190080



4286611584

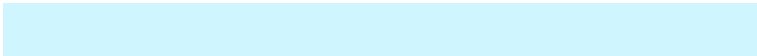


# Same Dimension

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



4291224812



4291819007



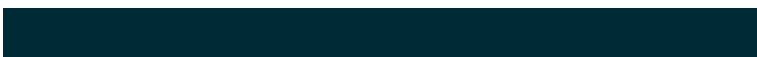
4291219948



4285166453



4278226869



4278200886



# Inverse Universe

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



4293707492



4294954997



4293714374



4285885043



4290052239

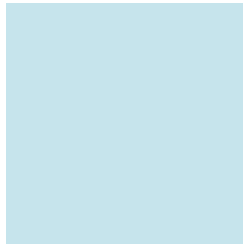


4281729066



# Previews

## White Background



This preview shows how the Android color 4291224812 looks on a white background.

## Color Contrast Check

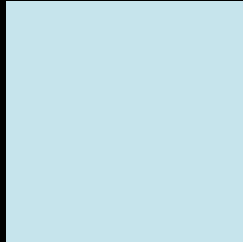
Large Text (above 18pt) WCAG AA × Fail

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 4291224812 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

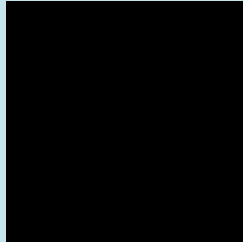
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291224812 Background



This preview shows how black text looks on a background with the Android color 4291224812.



This preview shows how white text looks on a background with the Android color 4291224812.

# Color Blindness Simulation

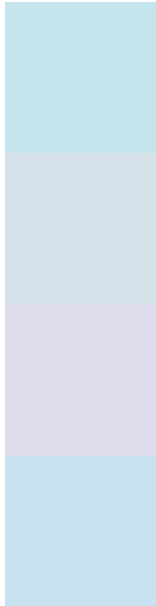
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



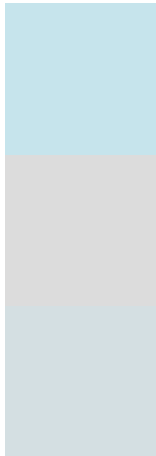
**Original Color**  
4291224812

**Protanomaly**  
4292272361

**Deuteranomaly**  
4292861165

**Tritanomaly**  
4291290098

# Monochromacy



**Original Color**  
4291224812

**Achromatopsia**  
4292664540

**Achromatomaly**  
4292141026

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291224812 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, 228, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 228, 236)  
}
```

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, 228, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 228, 236) }
```

## Border

The CSS property to change the border of an element to Android 4291224812 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, 228, 236) }
```

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

```
.border{ border-color:rgb(198, 228, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 228, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 228, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 228, 236);  
box-shadow:4px 4px 4px 4px rgb(198, 228,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4291224812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 228, 236) }
```

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

```
.background{ background-color: rgb(198,  
228, 236) }
```

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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