

# Converting Colors

Android(4284218069)

Have a look what the booklet for  
Android(4284218069) contains.

<b>Android(4284218069)</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(4284218069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BFAD5
RGB	91, 250, 213
RGB Percent	36%, 98%, 84%
CMY	0.6431, 0.0196, 0.1647
CMYK	0.64, 0.00, 0.15, 0.02
HSL	166°, 94%, 67%
HSV	166°, 64%, 98%
XYZ	50.5102, 75.3995, 74.8422
YIQ	198.2410, -82.8870, -45.2150

# Conversions

## Conversions Part 2

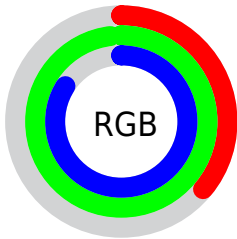
Format	Color
R <sub>YB</sub>	91, 181, 250
Decimal	6027989
CIE Lab	89.58, -50.09, 5.53
CIE LCh	90, 50.394, 173.702
Yxy	75.3995, 0.2516, 0.3756
Android (android.graphics.Color)	4284218069 (0xFF5BFAD5)
YUV	198.2410, 7.2762, -94.0504
Hunter-Lab	86.8329, -48.1250, 9.6803

# Details

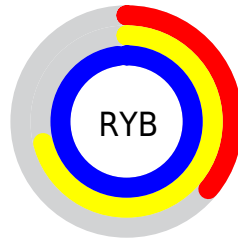
The Android color `4284218069` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted cyan. A complement of this color would be `4294597504`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4288479231`, and `4278239646` is the 20% darker color. If you saturate the color by 10%, you get `4282579663`, and if you desaturate by 10%, it is `4285856475`.

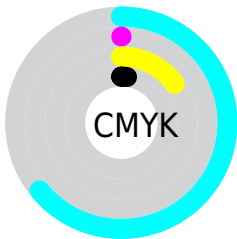
# Distribution



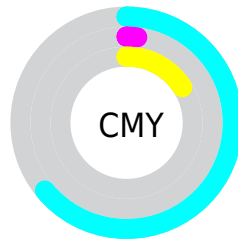
- Red (36%)
- Green (98%)
- Blue (84%)



- Red (36%)
- Yellow (71%)
- Blue (98%)



- Cyan (64%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284218069 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 4284218069 by changing the saturation by 10% instead.



 4284218069

 4284218069

4294967295

 4281654713

 4288479231

 4278239646

 4290510847

 4278232452

 4292542463

 4278225515

 4294574079

 4278218579

 4278212156

 4278205734

 4278200082

 4278190080

 4284218069

 4284218069

 4282579663

 4285856475

 4280941257

 4287494881

 4279302852

 4289133286

 4278254272

 4290771692

 4292410098

 4294048504

 4294966014

 4294966015

# Harmonies

## Analogous

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



4288804262



4284218069



4278254335

# Triad

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



4284218069



4292335871



4294953621

# Complementary

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



4284218069



4294597504

# 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.



4294950333



4284218069



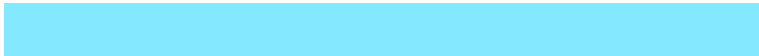
4294952959

# Square

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



4284218069



4286900735



4294950125



4294957953

# Rectangle

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



4284218069



4278253567



4294950125



4294952353

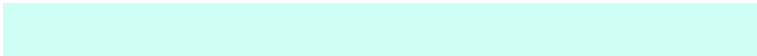


# Sweetspot

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



4284218069



4291821556



4286642779



4284645497



4278190080



4286611584



# Same Dimension

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



4284218069



4282253266



4284207354



4285562234



4278238609



4278205743



# Inverse Universe

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



4294597504



4294917482



4294608219



4286410867



4290576428

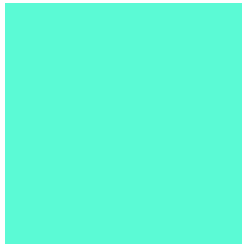


4282187790



# Previews

## White Background



This preview shows how the Android color 4284218069 looks on a white background.

## Color Contrast Check

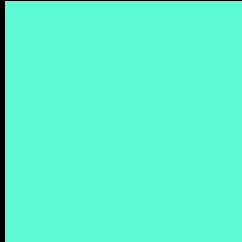
Large Text (above 18pt) WCAG AA × Fail

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 4284218069 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 4284218069 Background



This preview shows how black text looks on a background with the Android color 4284218069.




This preview shows how white text looks on a background with the Android color 4284218069.

# 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**  
4287688703

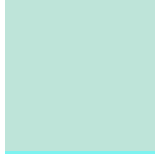
# Trichromacy



**Original Color**  
4284218069



**Protanomaly**  
4290111947



**Deuteranomaly**  
4290700505

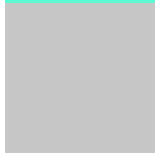


**Tritanomaly**  
4286444528

# Monochromacy



**Original Color**  
4284218069



**Achromatopsia**  
4291217094



**Achromatomaly**  
4288666059

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284218069 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(91, 250, 213)` looks like.

```
.text, #text, p{  
    color:rgb(91, 250, 213)  
}
```

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(91, 250, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 250, 213) }
```

## Border

The CSS property to change the border of an element to Android 4284218069 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(91, 250, 213) }
```

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

```
.border{ border-color:rgb(91, 250, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 250, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 250, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 250, 213);  
box-shadow:4px 4px 4px 4px rgb(91, 250,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4284218069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 250, 213) }
```

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

```
.background{ background-color: rgb(91, 250,  
213) }
```

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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