

# Converting Colors

Android(4285392048)

Have a look what the booklet for  
Android(4285392048) contains.

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**Color**

**Android(4285392048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6DE4B0
RGB	109, 228, 176
RGB Percent	43%, 89%, 69%
CMY	0.5725, 0.1059, 0.3098
CMYK	0.52, 0.00, 0.23, 0.11
HSL	154°, 69%, 66%
HSV	154°, 52%, 89%
XYZ	41.8866, 61.8726, 50.8093
YIQ	186.4910, -54.2320, -41.4000

# Conversions

## Conversions Part 2

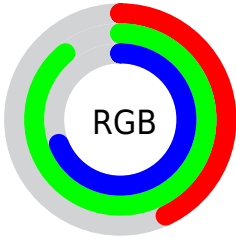
Format	Color
<a href="#">RYB</a>	<a href="#">109, 185, 228</a>
Decimal	<a href="#">7201968</a>
CIELab	<a href="#">82.85, -45.56, 15.30</a>
CIELCh	<a href="#">83, 48.063, 161.444</a>
Yxy	<a href="#">61.8726, 0.2710, 0.4003</a>
Android (android.graphics.Color)	<a href="#">4285392048 (0xFF6DE4B0)</a>
YUV	<a href="#">186.4910, -5.1721, -67.9596</a>
Hunter-Lab	<a href="#">78.6591, -42.6010, 16.7635</a>

# Details

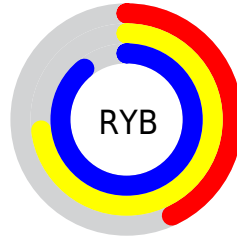
The Android color `4285392048` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4293160353`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4289265640`, and `4281183355` is the 20% darker color. If you saturate the color by 10%, you get `4283884710`, and if you desaturate by 10%, it is `4286899386`.

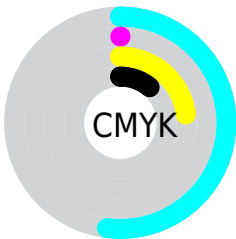
# Distribution



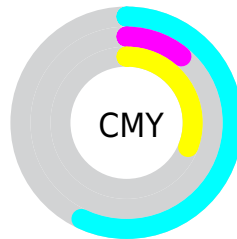
- Red (43%)
- Green (89%)
- Blue (69%)



- Red (43%)
- Yellow (73%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (57%)
- Magenta (11%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285392048 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 4285392048 by changing the saturation by 10% instead.



 4285392048

 4285392048

4294967295

 4283418773

 4289265640

 4281183355

 4291166207

 4278227298

 4293132287

 4278220362

 4278213940

 4278207518

 4278201607

 4278194688

 4278190080

 4285392048

 4285392048

 4283884710

 4286899386


 4282377372

 4288406724

 4280935570

 4289848526

 4279428232

 4291355864

 4278248576

 4292863202

 4294370540

 4294960374

 4294960383

# Harmonies

## Analogous

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



4289256841



4285392048



4278249183

# Triad

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



4285392048



4289187327



4294947733

# Complementary

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



4285392048



4293160353

# 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.



4294945470



4285392048



4293508351

# Square

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



4285392048



4283227135



4294946540



4294951545

# Rectangle

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



4285392048



4278248956



4294946540



4294946721

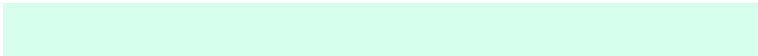


# Sweetspot

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



4285392048



4292280301



4288930925



4284973173



4278190080



4286611584



# Same Dimension

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



4285392048



4284415929



4285390564



4284969838



4278236004



4278203165



# Inverse Universe

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



4293160353



4294925989



4293161837



4285753196



4289921102



4281532438



# Previews

## White Background



This preview shows how the Android color 4285392048 looks on a white background.

## Color Contrast Check

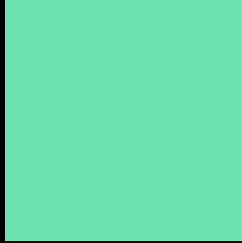
Large Text (above 18pt) WCAG AA × Fail

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 4285392048 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 4285392048 Background



This preview shows how black text looks on a background with the Android color 4285392048.

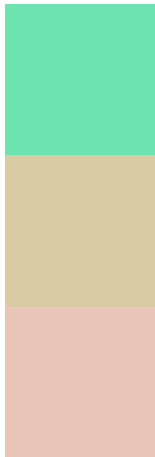


This preview shows how white text looks on a background with the Android color 4285392048.

# 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



**Original Color**  
4285392048

**Protanopia**  
4292463781

**Deuteranopia**  
4293510583



**Tritanopia**  
4286569710

# Trichromacy



**Original Color**  
4285392048



**Protanomaly**  
4289910185



**Deuteranomaly**  
4290564276

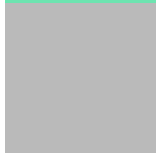


**Tritanomaly**  
4286111703

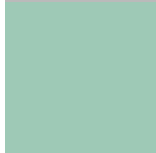
# Monochromacy



**Original Color**  
4285392048



**Achromatopsia**  
4290427578



**Achromatomaly**  
4288596406

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285392048 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(109, 228, 176)` looks like.

```
.text, #text, p{  
    color:rgb(109, 228, 176)  
}
```

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(109, 228, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 228, 176) }
```

## Border

The CSS property to change the border of an element to Android 4285392048 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(109, 228, 176) }
```

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

```
.border{ border-color:rgb(109, 228, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 228, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 228, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 228, 176);  
box-shadow:4px 4px 4px 4px rgb(109, 228,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4285392048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 228, 176) }
```

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

```
.background{ background-color: rgb(109,  
228, 176) }
```

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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