

# Converting Colors

Android(4285578967)

Have a look what the booklet for  
Android(4285578967) contains.

<b>Android(4285578967)</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(4285578967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70BED7
RGB	112, 190, 215
RGB Percent	44%, 75%, 84%
CMY	0.5608, 0.2549, 0.1569
CMYK	0.48, 0.12, 0.00, 0.16
HSL	195°, 56%, 64%
HSV	195°, 48%, 84%
XYZ	37.3613, 45.1780, 71.0410
YIQ	169.5280, -54.5130, -8.7610

# Conversions

## Conversions Part 2

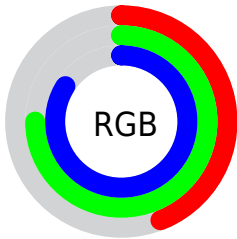
Format	Color
<a href="#">RYB</a>	<a href="#">112, 156, 215</a>
Decimal	<a href="#">7388887</a>
CIELab	<a href="#">73.01, -17.39, -20.00</a>
CIELCh	<a href="#">73, 26.506, 228.992</a>
Yxy	<a href="#">45.1780, 0.2433, 0.2942</a>
Android (android.graphics.Color)	<a href="#">4285578967 (0xFF70BED7)</a>
YUV	<a href="#">169.5280, 22.4177, -50.4521</a>
Hunter-Lab	<a href="#">67.2145, -18.4060, -15.6152</a>

# Details

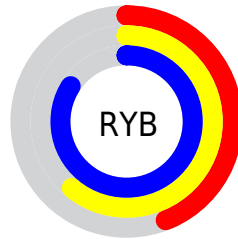
The Android color `4285578967` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4292315504`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4289328895`, and `4281698720` is the 20% darker color. If you saturate the color by 10%, you get `4284201431`, and if you desaturate by 10%, it is `4287022039`.

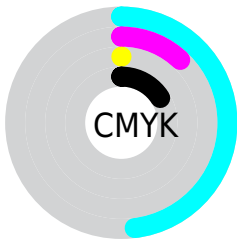
# Distribution



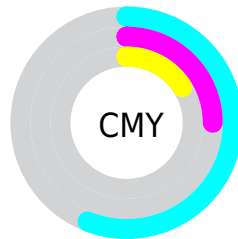
- Red (44%)
- Green (75%)
- Blue (84%)



- Red (44%)
- Yellow (61%)
- Blue (84%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (25%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285578967 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 4285578967 by changing the saturation by 10% instead.





4285578967



4285578967

4294967295



4283671483



4289328895



4281698720



4291231743



4278873990



4293132287



4278212461



4278206292



4278200637



4278195239



4278190354



4278190080

■ 4285578967

■ 4285578967

■ 4284201431

■ 4287022039

■ 4282758359

■ 4288399575

■ 4281380567

■ 4289842903

■ 4279937495

■ 4291220439

■ 4278559959

■ 4292663511

■ 4278232023

■ 4294041047

■ 4294960087

■ 4294961367

■ 4294962647

# Harmonies

## Analogous

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



4285383106



4285578967



4287215842

# Triad

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



4285578967



4292780733



4290099077

# Complementary

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



4285578967



4292315504

# 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.



4291669892



4285578967



4293239461

# Square

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



4285578967



4291471571



4292781968



4288265619

# Rectangle

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



4285578967



4288721891



4292781968



4290688131

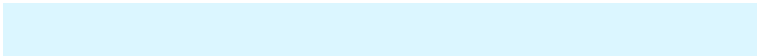


# Sweetspot

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



4285578967



4292605695



4285585288



4285168256



4278190080



4286611584



# Same Dimension

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



4285578967



4285455615



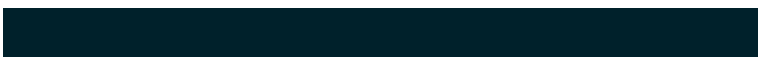
4285565911



4284508523



4278223275



4278198571



# Inverse Universe

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



4292309182



4294930140



4292328560



4285227113



4289396865

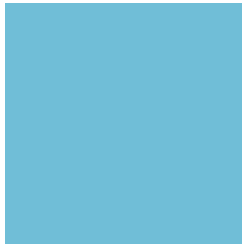


4281008161



# Previews

## White Background



This preview shows how the Android color 4285578967 looks on a white background.

## Color Contrast Check

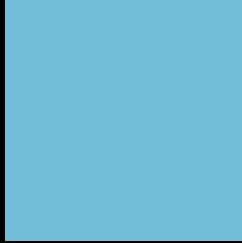
Large Text (above 18pt) WCAG AA × Fail

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 4285578967 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 4285578967 Background



This preview shows how black text looks on a background with the Android color 4285578967.



This preview shows how white text looks on a background with the Android color 4285578967.

# 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



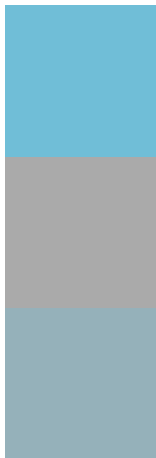
**Original Color**  
4285578967

**Protanomaly**  
4288132817

**Deuteranomaly**  
4288263385

**Tritanomaly**  
4285448146

# Monochromacy



**Original Color**  
4285578967

**Achromatopsia**  
4289374890

**Achromatomaly**  
4288000442

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285578967 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(112, 190, 215)` looks like.

```
.text, #text, p{  
    color:rgb(112, 190, 215)  
}
```

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(112, 190, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 190, 215) }
```

## Border

The CSS property to change the border of an element to Android 4285578967 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(112, 190, 215) }
```

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

```
.border{ border-color:rgb(112, 190, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 190, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 190, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 190, 215);  
box-shadow:4px 4px 4px 4px rgb(112, 190,  
215) }
```

# Background

The CSS property to change the background color of an element to Android 4285578967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 190, 215) }
```

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

```
.background{ background-color: rgb(112,  
190, 215) }
```

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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