

# Converting Colors

Android(4285575637)

Have a look what the booklet for  
Android(4285575637) contains.

<b>Android(4285575637)</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(4285575637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70B1D5
RGB	112, 177, 213
RGB Percent	44%, 69%, 84%
CMY	0.5608, 0.3059, 0.1647
CMYK	0.47, 0.17, 0.00, 0.16
HSL	201°, 55%, 64%
HSV	201°, 47%, 84%
XYZ	34.4145, 39.6931, 68.7985
YIQ	161.6690, -50.2960, -2.5840

# Conversions

## Conversions Part 2

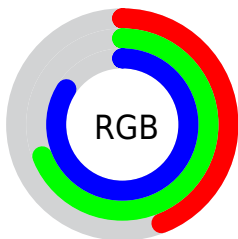
Format	Color
R <sub>Y</sub> B	112, 152, 213
Decimal	7385557
CIE Lab	69.25, -11.09, -24.64
CIE LCh	69, 27.017, 245.774
Yxy	39.6931, 0.2408, 0.2778
Android (android.graphics.Color)	4285575637 (0xFF70B1D5)
YUV	161.6690, 25.3062, -43.5597
Hunter-Lab	63.0025, -12.7505, -20.6427

# Details

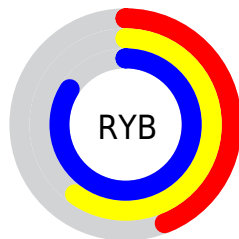
The Android color `4285575637` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292187248`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4289260031`, and `4281760926` is the 20% darker color. If you saturate the color by 10%, you get `4284197333`, and if you desaturate by 10%, it is `4286953941`.

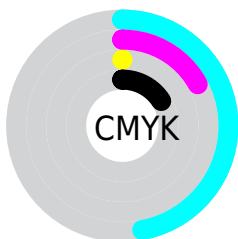
# Distribution



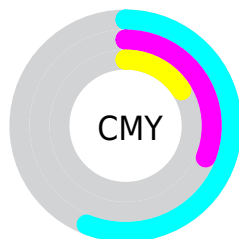
- Red (44%)
- Green (69%)
- Blue (84%)



- Red (44%)
- Yellow (60%)
- Blue (84%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)

















- Cyan (56%)
- Magenta (31%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285575637 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 4285575637 by changing the saturation by 10% instead.



 4285575637	 4285575637
4294967295	 4283733689
 4289260031	 4281760926
 4291166207	 4279329924
 4293066751	 4278209643
	 4278203730
	 4278198331
	 4278190630
	 4278190350
	 4278190080

■ 4285575637

■ 4285575637

■ 4284197333

■ 4286953941

■ 4282753749

■ 4288397525

■ 4281375445

■ 4289775829

■ 4279997397

■ 4291153877

■ 4278619093

■ 4292597717

■ 4278225365

■ 4293976021

■ 4294960853

■ 4294962901

■ 4294964693

# Harmonies

## Analogous

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



4284462789



4285575637



4287736537

# Triad

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



4285575637



4292450213



4288393345

# Complementary

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



4285575637



4292187248

# 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.



4290161016



4285575637



4292450958

# Square

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



4285575637



4291664574



4291600765



4286559636

# Rectangle

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



4285575637



4289242325



4291600765



4288982653

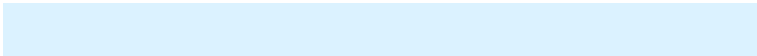


# Sweetspot

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



4285575637



4292604671



4285584787



4285167744



4278190080



4286611584



# Same Dimension

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



4285575637



4285451263



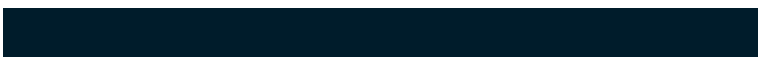
4285562837



4284508011



4278218411



4278197291



# Inverse Universe

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



4292178097



4294930123



4292200048



4285227111



4289396846

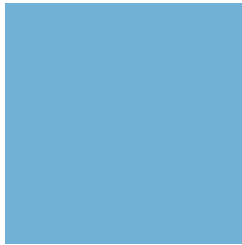


4281008156



# Previews

## White Background



This preview shows how the Android color 4285575637 looks on a white background.

## Color Contrast Check

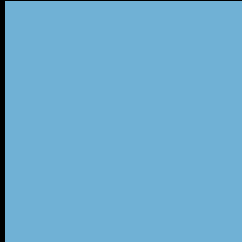
Large Text (above 18pt) WCAG AA × Fail

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 4285575637 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 4285575637 Background



This preview shows how black text looks on a background with the Android color 4285575637.



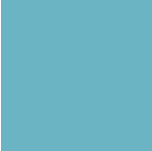
This preview shows how white text looks on a background with the Android color 4285575637.

# 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**  
4285183171

# Trichromacy



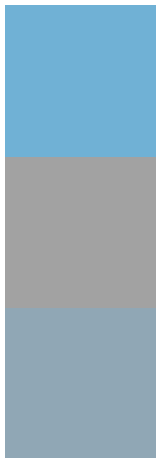
**Original Color**  
4285575637

**Protanomaly**  
4287540177

**Deuteranomaly**  
4287605207

**Tritanomaly**  
4285313994

# Monochromacy



**Original Color**  
4285575637

**Achromatopsia**  
4288848546

**Achromatomaly**  
4287670197

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285575637 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, 177, 213)` looks like.

```
.text, #text, p{  
    color:rgb(112, 177, 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(112, 177, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 177, 213) }
```

## Border

The CSS property to change the border of an element to Android 4285575637 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, 177, 213) }
```

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

```
.border{ border-color:rgb(112, 177, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 177, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 177, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 177, 213);  
box-shadow:4px 4px 4px 4px rgb(112, 177,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4285575637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 177, 213) }
```

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

```
.background{ background-color: rgb(112,  
177, 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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor