

# Converting Colors

Android(4285313764)

Have a look what the booklet for  
Android(4285313764) contains.

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# **Color**

**Android(4285313764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6CB2E4
RGB	108, 178, 228
RGB Percent	42%, 70%, 89%
CMY	0.5765, 0.3020, 0.1059
CMYK	0.53, 0.22, 0.00, 0.11
HSL	205°, 69%, 66%
HSV	205°, 53%, 89%
XYZ	36.1083, 40.6304, 79.3381
YIQ	162.7700, -57.7700, 0.7100

# Conversions

## Conversions Part 2

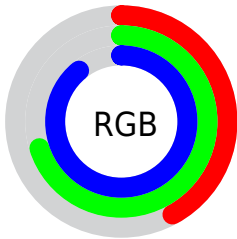
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">108, 152, 228</a>
Decimal	<a href="#">7123684</a>
CIELab	<a href="#">69.92, -8.20, -31.84</a>
CIELCh	<a href="#">70, 32.880, 255.554</a>
Yxy	<a href="#">40.6304, 0.2313, 0.2603</a>
Android (android.graphics.Color)	<a href="#">4285313764 (0xFF6CB2E4)</a>
YUV	<a href="#">162.7700, 32.1584, -48.0333</a>
Hunter-Lab	<a href="#">63.7420, -10.4324, -29.1775</a>

# Details

The Android color `4285313764` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293172844`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4289129215`, and `4281171372` is the 20% darker color. If you saturate the color by 10%, you get `4283803876`, and if you desaturate by 10%, it is `4286823396`.

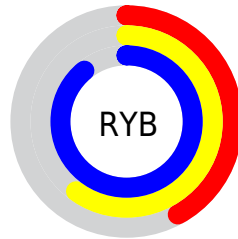
# Distribution



Red (42%)

Green (70%)

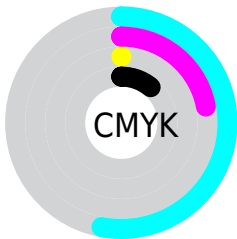
Blue (89%)



Red (42%)

Yellow (60%)

Blue (89%)

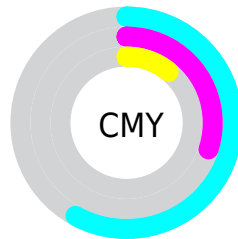


Cyan (53%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (58%)

Magenta (30%)















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285313764 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 4285313764 by changing the saturation by 10% instead.



 4285313764	 4285313764
4294967295	 4283340744
 4289129215	 4281171372
 4291035135	 4278216082
 4293001215	 4278209912
	 4278203999
	 4278198599
	 4278191152
	 4278190363
	 4278190080

■ 4285313764

■ 4285313764

■ 4283803876

■ 4286823396

■ 4282294244

■ 4288333284

■ 4280849892

■ 4289777380

■ 4279340260

■ 4291287268

■ 4278224356

■ 4292797156

■ 4294306788

■ 4294964708

■ 4294967012

■ 4294967268

# Harmonies

## Analogous

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



4282955988



4285313764



4288325860

# Triad

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



4285313764



4293301660



4287542912

# Complementary

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



4285313764



4293172844

# 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.



4289769073



4285313764



4292909698

# Square

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



4285313764



4292646587



4291601521



4285184667

# Rectangle

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



4285313764



4290159067



4291601521



4288328569

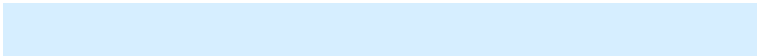


# Sweetspot

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



4285313764



4292275967



4285326494



4284970368



4278190080



4286611584

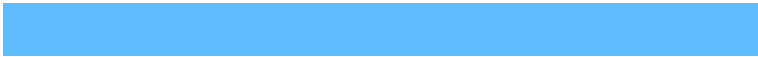


# Same Dimension

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



4285313764



4284398847



4285298404



4284968563



4278216883



4278197811



# Inverse Universe

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



4293160114



4294926012



4293188204



4285753198



4289921128



4281532446



# Previews

## White Background



This preview shows how the Android color 4285313764 looks on a white background.

## Color Contrast Check

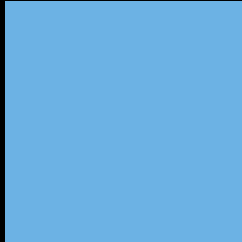
Large Text (above 18pt) WCAG AA × Fail

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 4285313764 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 4285313764 Background



This preview shows how black text looks on a background with the Android color 4285313764.

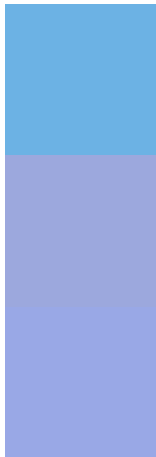


This preview shows how white text looks on a background with the Android color 4285313764.

# 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



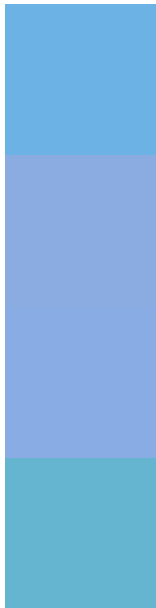
**Original Color**  
4285313764

**Protanopia**  
4288456925

**Deuteranopia**  
4288260326



# Trichromacy



**Original Color**  
4285313764

**Protanomaly**  
4287343840

**Deuteranomaly**  
4287212773

**Tritanomaly**  
4284855761

# Monochromacy



**Original Color**  
4285313764

**Achromatopsia**  
4288914339

**Achromatomaly**  
4287604923

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285313764 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(108, 178, 228)` looks like.

```
.text, #text, p{  
    color:rgb(108, 178, 228)  
}
```

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(108, 178, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 178, 228) }
```

## Border

The CSS property to change the border of an element to Android 4285313764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

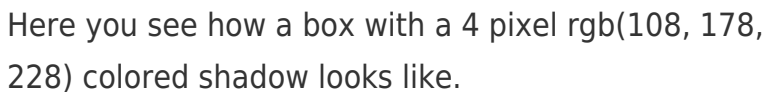
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 178, 228) }
```

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

```
.border{ border-color:rgb(108, 178, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 178, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 178, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 178, 228); box-shadow:4px 4px 4px 4px rgb(108, 178, 228) }
```

# Background

The CSS property to change the background color of an element to Android 4285313764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 178, 228) }
```

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

```
.background{ background-color: rgb(108,  
178, 228) }
```

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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