

# Converting Colors

Android(4285178324)

Have a look what the booklet for  
Android(4285178324) contains.

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# **Color**

**Android(4285178324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AA1D4
RGB	106, 161, 212
RGB Percent	42%, 63%, 83%
CMY	0.5843, 0.3686, 0.1686
CMYK	0.50, 0.24, 0.00, 0.17
HSL	209°, 55%, 62%
HSV	209°, 50%, 83%
XYZ	30.5724, 33.3074, 67.1050
YIQ	150.3690, -49.1510, 4.2010

# Conversions

## Conversions Part 2

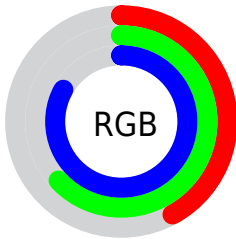
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 142, 212
Decimal	6988244
CIELab	64.41, -4.01, -31.56
CIElCh	64, 31.818, 262.766
Yxy	33.3074, 0.2334, 0.2543
Android (android.graphics.Color)	4285178324 (0xFF6AA1D4)
YUV	150.3690, 30.3841, -38.9116
Hunter-Lab	57.7125, -6.4391, -28.5404

# Details

The Android color `4285178324` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292124010`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4288862463`, and `4281298589` is the 20% darker color. If you saturate the color by 10%, you get `4283799508`, and if you desaturate by 10%, it is `4286557140`.

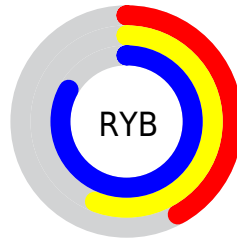
# Distribution



Red (42%)

Green (63%)

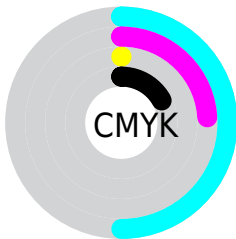
Blue (83%)



Red (42%)

Yellow (56%)

Blue (83%)

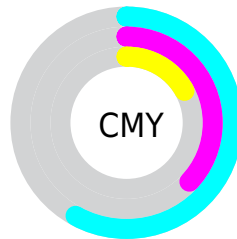


Cyan (50%)

Magenta (24%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (37%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285178324 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 4285178324 by changing the saturation by 10% instead.



 4285178324

 4285178324

4294967295

 4283336632

 4288862463

 4281298589

 4290770175

 4278211971

 4292673535

 4278206058

 4294639615

 4278200657

 4278195514

 4278190628

 4278190091

 4278190080

■ 4285178324

■ 4285178324

■ 4283799508

■ 4286557140

■ 4282420692

■ 4287935956

■ 4280976084

■ 4289380564

■ 4279597268

■ 4290759380

■ 4278218452

■ 4292138196

■ 4293517012

■ 4294895828

■ 4294964180

■ 4294966740

# Harmonies

## Analogous

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



4282493129



4285178324



4288059344

# Triad

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



4285178324



4292118664



4286163065

# Complementary

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



4285178324



4292124010

# 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.



4288258407



4285178324



4291530352

# Square

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



4285178324



4291790756



4290156644



4283870100

# Rectangle

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



4285178324



4289696198



4290156644



4286883442

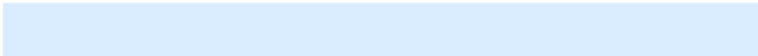


# Sweetspot

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



4285178324



4292472319



4285191323



4285101184



4278190080



4286611584

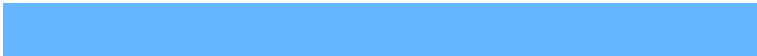


# Same Dimension

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



4285178324



4284921343



4285165268



4284507755



4278213035



4278195755



# Inverse Universe

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



4292111009



4294928053



4292137066



4285227110



4289396825

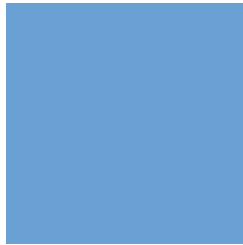


4281008150



# Previews

## White Background



This preview shows how the Android color 4285178324 looks on a white background.

## Color Contrast Check

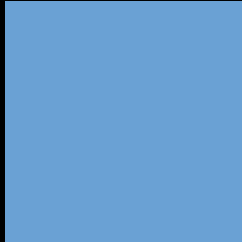
Large Text (above 18pt) WCAG AA × Fail

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 4285178324 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 4285178324 Background



This preview shows how black text looks on a background with the Android color 4285178324.



This preview shows how white text looks on a background with the Android color 4285178324.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285178324 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(106, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(106, 161, 212)  
}
```

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(106, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 161, 212) }
```

## Border

The CSS property to change the border of an element to Android 4285178324 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(106, 161, 212) }
```

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

```
.border{ border-color:rgb(106, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 161, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 161, 212); box-shadow:4px 4px 4px 4px rgb(106, 161, 212) }
```

# Background

The CSS property to change the background color of an element to Android 4285178324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 161, 212) }
```

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

```
.background{ background-color: rgb(106,  
161, 212) }
```

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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