

# Converting Colors

Android(4285964218)

Have a look what the booklet for  
Android(4285964218) contains.

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# **Color**

**Android(4285964218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769FBA
RGB	118, 159, 186
RGB Percent	46%, 62%, 73%
CMY	0.5373, 0.3765, 0.2706
CMYK	0.37, 0.15, 0.00, 0.27
HSL	204°, 33%, 60%
HSV	204°, 37%, 73%
XYZ	28.7323, 32.1930, 51.1539
YIQ	149.8190, -33.1030, -0.2950

# Conversions

## Conversions Part 2

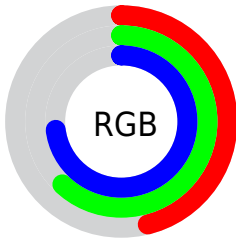
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 144, 186</a>
Decimal	<a href="#">7774138</a>
CIELab	<a href="#">63.50, -7.11, -18.41</a>
CIElCh	<a href="#">64, 19.732, 248.870</a>
Yxy	<a href="#">32.1930, 0.2564, 0.2872</a>
Android (android.graphics.Color)	<a href="#">4285964218 (0xFF769FBA)</a>
YUV	<a href="#">149.8190, 17.8372, -27.9053</a>
Hunter-Lab	<a href="#">56.7389, -8.9015, -13.7367</a>

# Details

The Android color `4285964218` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4290417014`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4289517298`, and `4282543237` is the 20% darker color. If you saturate the color by 10%, you get `4284717242`, and if you desaturate by 10%, it is `4287211194`.

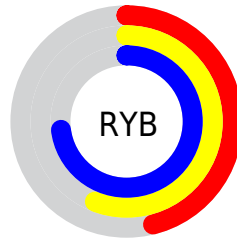
# Distribution



Red (46%)

Green (62%)

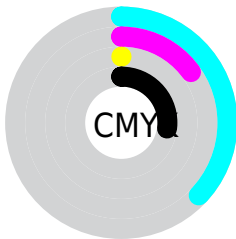
Blue (73%)



Red (46%)

Yellow (56%)

Blue (73%)

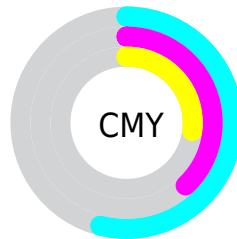


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (38%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285964218 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 4285964218 by changing the saturation by 10% instead.



 4285964218

 4285964218

4294967295

 4284253599

 4289517298

 4282543237

 4291359487

 4280832876

 4293263359

 4278729811

 4278200124

 4278194726

 4278190352

 4278190080

 4285964218

 4285964218

■ 4284717242

■ 4287211194

■ 4283535546

■ 4288392890

■ 4282288570

■ 4289639866

■ 4281106874

■ 4290821562

■ 4279859898

■ 4292068538

■ 4278612922

■ 4293315514

■ 4278218938

■ 4294497210

■ 4294957754

■ 4294959546

# Harmonies

## Analogous

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



4285113263



4285964218



4287404732

# Triad

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



4285964218



4290678165



4287537022

# Complementary

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



4285964218



4290417014

# 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.



4288846455



4285964218



4290547589

# Square

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



4285964218



4290088871



4289893497



4286292877

# Rectangle

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



4285964218



4288452024



4289893497



4287995515



# Sweetspot

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



4285964218



4292405490



4285971088



4285166714



4294638330



4286216826



# Same Dimension

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



4285964218



4287154418



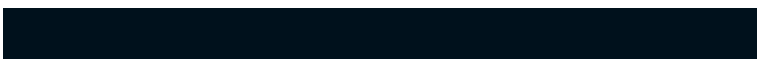
4285955770



4283652188



4278214300



4278194460



# Inverse Universe

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



4290410143



4294084808



4290425462



4284240728



4288413790



4280025105



# Previews

## White Background



This preview shows how the Android color 4285964218 looks on a white background.

## Color Contrast Check

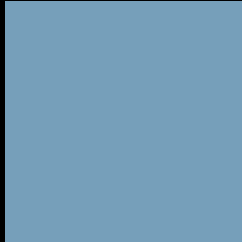
Large Text (above 18pt) WCAG AA × Fail

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 4285964218 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

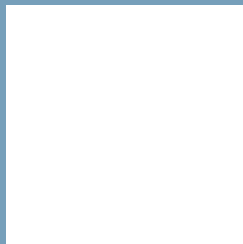
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285964218 Background



This preview shows how black text looks on a background with the Android color 4285964218.



This preview shows how white text looks on a background with the Android color 4285964218.

# 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**  
4285964218

**Protanomaly**  
4287142839

**Deuteranomaly**  
4287338939

**Tritanomaly**  
4285833394

# Monochromacy



**Original Color**  
4285964218

**Achromatopsia**  
4288059030

**Achromatomaly**  
4287273379

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285964218 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(118, 159, 186)` looks like.

```
.text, #text, p{  
    color:rgb(118, 159, 186)  
}
```

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(118, 159, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 159, 186) }
```

## Border

The CSS property to change the border of an element to Android 4285964218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

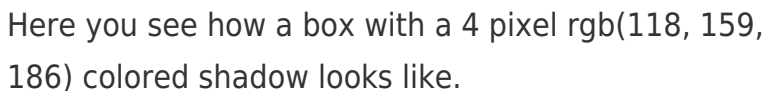
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 159, 186) }
```

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

```
.border{ border-color:rgb(118, 159, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 159, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 159, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 159, 186); box-shadow:4px 4px 4px 4px rgb(118, 159, 186) }
```

# Background

The CSS property to change the background color of an element to Android 4285964218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 159, 186) }
```

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

```
.background{ background-color: rgb(118,  
159, 186) }
```

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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