

# Converting Colors

Android(4285304017)

Have a look what the booklet for  
Android(4285304017) contains.

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# **Color**

**Android(4285304017)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C8CD1
RGB	108, 140, 209
RGB Percent	42%, 55%, 82%
CMY	0.5765, 0.4510, 0.1804
CMYK	0.48, 0.33, 0.00, 0.18
HSL	221°, 52%, 62%
HSV	221°, 48%, 82%
XYZ	27.0710, 26.5478, 64.0190
YIQ	138.2980, -41.2210, 14.6750

# Conversions

## Conversions Part 2

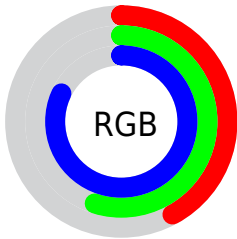
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	108, 132, 209
Decimal	7113937
CIE Lab	58.55, 7.62, -39.01
CIE LCh	59, 39.748, 281.054
Yxy	26.5478, 0.2301, 0.2257
Android (android.graphics.Color)	4285304017 (0xFF6C8CD1)
YUV	138.2980, 34.8561, -26.5713
Hunter-Lab	51.5245, 3.6162, -37.6005

# Details

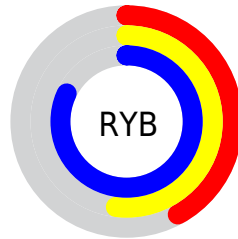
The Android color `4285304017` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291932524`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4288987647`, and `4281555610` is the 20% darker color. If you saturate the color by 10%, you get `4283924177`, and if you desaturate by 10%, it is `4286683857`.

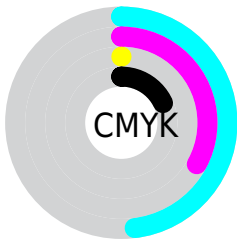
# Distribution



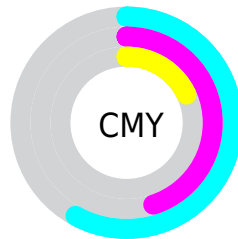
- Red (42%)
- Green (55%)
- Blue (82%)



- Red (42%)
- Yellow (52%)
- Blue (82%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285304017 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 4285304017 by changing the saturation by 10% instead.





4285304017



4285304017

4294967295



4283462581



4288987647



4281555610



4290895359



4278993792



4292803327



4278201702



4294705151



4278196814



4278191159



4278190624



4278190085



4278190080

■ 4285304017

■ 4285304017

■ 4283924177

■ 4286683857

■ 4282544081

■ 4288063953

■ 4281164241

■ 4289443793

■ 4279784401

■ 4290823633

■ 4278470097

■ 4292203473

■ 4278207185

■ 4293518033

■ 4294897873

■ 4294966993

■ 4294967249

# Harmonies

## Analogous

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



4279015374



4285304017



4288774082

# Triad

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



4285304017



4291458913



4282359157

# Complementary

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



4285304017



4291932524

# 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.



4285569111



4285304017



4290085707

# Square

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



4285304017



4291784833



4288057159



4278230937

# Rectangle

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



4285304017



4290344879



4288057159



4283538538



# Sweetspot

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



4285304017



4292601855



4285321647



4285165952



4278190080



4286611584



# Same Dimension

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



4285304017



4285242111



4286409937



4284375401



4278203816



4278193449



# Inverse Universe

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



4291914892



4294929306



4290826604



4285095521



4289200181



4280877069



# Previews

## White Background



This preview shows how the Android color 4285304017 looks on a white background.

## Color Contrast Check

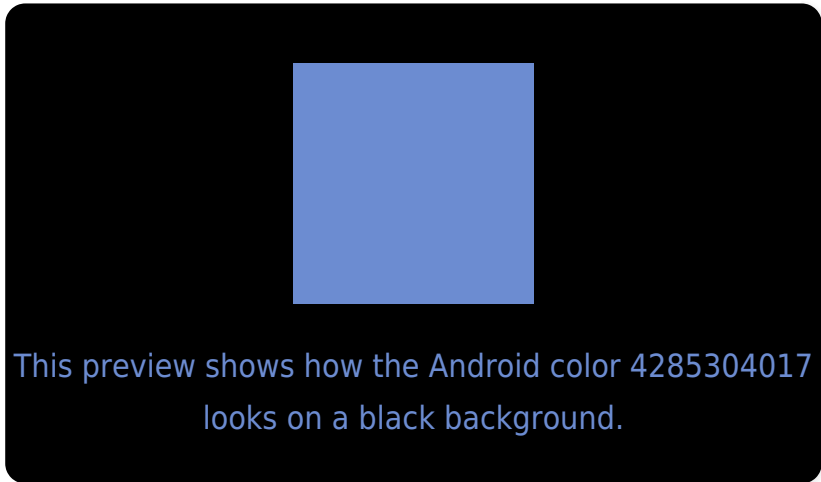
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4285304017 Background



This preview shows how black text looks on a background with the Android color 4285304017.

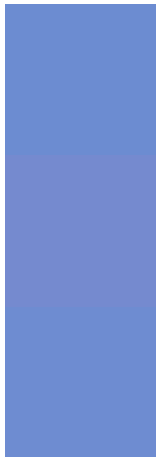


This preview shows how white text looks on a background with the Android color 4285304017.

# 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



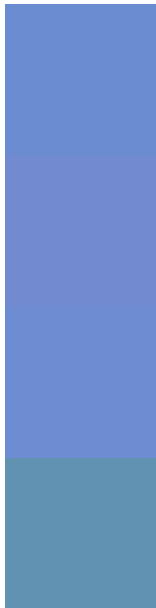
**Original Color**  
4285304017

**Protanopia**  
4285893327

**Deuteranopia**  
4285435089



# Trichromacy



**Original Color**  
4285304017

**Protanomaly**  
4285696976

**Deuteranomaly**  
4285369553

**Tritanomaly**  
4284650162

# Monochromacy



**Original Color**  
4285304017

**Achromatopsia**  
4287269514

**Achromatomaly**  
4286548900

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285304017 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, 140, 209)` looks like.

```
.text, #text, p{  
    color:rgb(108, 140, 209)  
}
```

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, 140, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 140, 209) }
```

## Border

The CSS property to change the border of an element to Android 4285304017 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, 140, 209) }
```

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

```
.border{ border-color:rgb(108, 140, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 140, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 140, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 140, 209);  
box-shadow:4px 4px 4px 4px rgb(108, 140,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4285304017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 140, 209) }
```

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

```
.background{ background-color: rgb(108,  
140, 209) }
```

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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