

Converting Colors

Android(4285956335)

Have a look what the booklet for
Android(4285956335) contains.

Android(4285956335)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285956335)

Conversions

Conversions Part 1

Format	Color
Hex	7680EF
RGB	118, 128, 239
RGB Percent	46%, 50%, 94%
CMY	0.5373, 0.4980, 0.0627
CMYK	0.51, 0.46, 0.00, 0.06
HSL	235°, 79%, 70%
HSV	235°, 51%, 94%
XYZ	30.7704, 25.5219, 84.9658
YIQ	137.6640, -41.5910, 32.4010

Conversions

Conversions Part 2

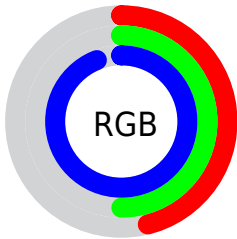
Format	Color
R_{YB}	118, 127, 239
Decimal	7766255
CIE _{Lab}	57.58, 26.16, -57.27
CIE _{LCh}	58, 62.961, 294.555
Yxy	25.5219, 0.2178, 0.1807
Android (android.graphics.Color)	4285956335 (0xFF7680EF)
YUV	137.6640, 49.9586, -17.2453
Hunter-Lab	50.5192, 20.3127, -64.3536

Details

The Android color `4285956335` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4293911926`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4289771007`, and `4281880502` is the 20% darker color. If you saturate the color by 10%, you get `4284377839`, and if you desaturate by 10%, it is `4287534831`.

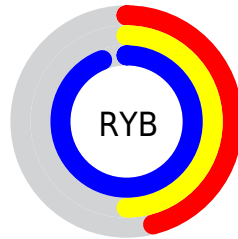
Distribution



Red (46%)

Green (50%)

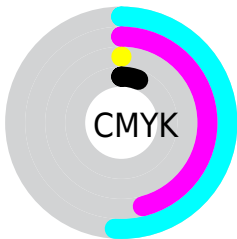
Blue (94%)



Red (46%)

Yellow (50%)

Blue (94%)

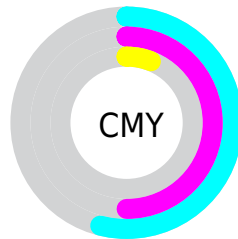


Cyan (51%)

Magenta (46%)

Yellow (0%)

Black (6%)



Cyan (54%)

Magenta (50%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285956335 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 4285956335 by changing the saturation by 10% instead.



4285956335



4285956335

4294967295



4283983826



4289771007



4281880502



4291743999



4278729115



4293717247



4278199424



4278194535



4278190158



4278191414



4278190624



4278190083

■ 4285956335

■ 4285956335

■ 4284377839

■ 4287534831

■ 4282799343

■ 4289113327

■ 4281220847

■ 4290691823

■ 4279642351

■ 4292270319

■ 4278195439

■ 4293783279

■ 4294967279

Harmonies

Analogous

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



4278228216



4285956335



4290996171

Triad

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



4285956335



4292177455



4278231934

Complementary

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



4285956335



4293911926

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.



4280786758



4285956335



4289627137

Square

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



4285956335



4293613664



4286158100



4278232247

Rectangle

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



4285956335



4292827305



4286158100



4278231659

Sweetspot

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



4285956335



4292467967



4285984741



4285098624



4278190080



4286611584

Same Dimension

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



4285956335



4284707071



4289230575



4285295992



4278194104



4278191416

Inverse Universe

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



4293883520



4294927216



4290637686



4286082157



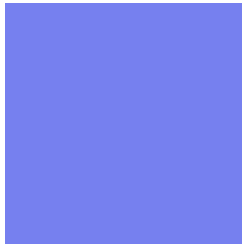
4290248719



4281860101

Previews

White Background



This preview shows how the Android color 4285956335 looks on a white background.

Color Contrast Check

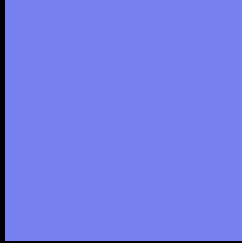
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4285956335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

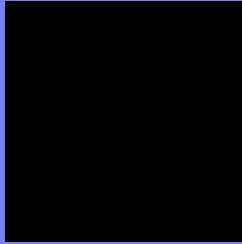
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4285956335 Background



This preview shows how black text looks on a background with the Android color 4285956335.

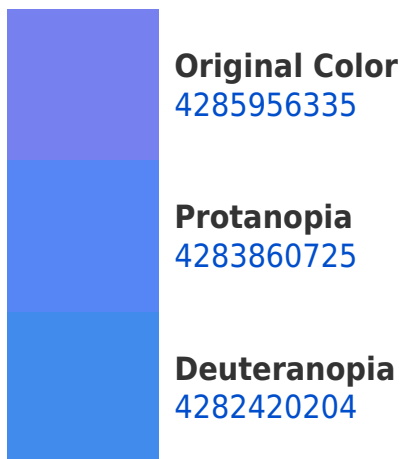


This preview shows how white text looks on a background with the Android color 4285956335.

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
4285956335

Protanomaly
4284646643

Deuteranomaly
4283729901

Tritanomaly
4284910779

Monochromacy



Original Color
4285956335

Achromatopsia
4287269514

Achromatomaly
4286809775

CSS Examples

Text

The CSS property to change the color of the text to Android 4285956335 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, 128, 239)` looks like.

```
.text, #text, p{  
    color:rgb(118, 128, 239)  
}
```

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, 128, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 128, 239) }
```

Border

The CSS property to change the border of an element to Android 4285956335 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, 128, 239) }
```

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

```
.border{ border-color:rgb(118, 128, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 128, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 128, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 128, 239);  
box-shadow:4px 4px 4px 4px rgb(118, 128,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4285956335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 128, 239) }
```

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

```
.background{ background-color: rgb(118,  
128, 239) }
```

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