

# Converting Colors

Android(4285758693)

Have a look what the booklet for  
Android(4285758693) contains.

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# **Color**

**Android(4285758693)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737CE5
RGB	115, 124, 229
RGB Percent	45%, 49%, 90%
CMY	0.5490, 0.5137, 0.1020
CMYK	0.50, 0.46, 0.00, 0.10
HSL	235°, 69%, 67%
HSV	235°, 50%, 90%
XYZ	28.4207, 23.7173, 77.2087
YIQ	133.2790, -39.0690, 30.7470

# Conversions

## Conversions Part 2

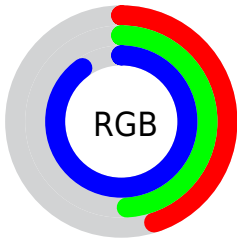
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 123, 229</a>
Decimal	<a href="#">7568613</a>
CIELab	<a href="#">55.80, 24.85, -54.55</a>
CIELCh	<a href="#">56, 59.942, 294.495</a>
Yxy	<a href="#">23.7173, 0.2197, 0.1834</a>
Android (android.graphics.Color)	<a href="#">4285758693 (0xFF737CE5)</a>
YUV	<a href="#">133.2790, 47.1905, -16.0307</a>
Hunter-Lab	<a href="#">48.7004, 18.9439, -59.9070</a>

# Details

The Android color `4285758693` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4293254259`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4289573119`, and `4281748653` is the 20% darker color. If you saturate the color by 10%, you get `4284245989`, and if you desaturate by 10%, it is `4287271397`.

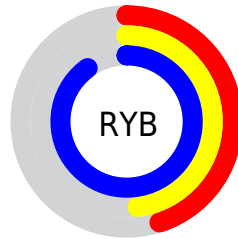
# Distribution



Red (45%)

Green (49%)

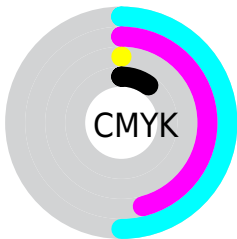
Blue (90%)



Red (45%)

Yellow (48%)

Blue (90%)

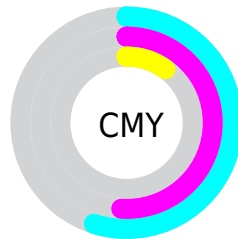


Cyan (50%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (55%)

Magenta (51%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285758693 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 4285758693 by changing the saturation by 10% instead.



 4285758693

 4285758693

4294967295

 4283851721

 4289573119

 4281748653

 4291480831

 4278793618

 4293454079

 4278198391

 4278193502

 4278190918

 4278191150

 4278190361

 4278190080

■ 4285758693

■ 4285758693

■ 4284245989

■ 4287271397

■ 4282733285

■ 4288784101

■ 4281220581

■ 4290296805

■ 4279707877

■ 4291809509

■ 4278195173

■ 4293322213

■ 4278194917

■ 4294769637

■ 4294967269

# Harmonies

## Analogous

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



4278226926



4285758693



4290471107

# Triad

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



4285758693



4291652400



4278230394

# Complementary

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



4285758693



4293254259

# 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.



4281047366



4285758693



4289232905

# Square

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



4285758693



4293023582



4285960216



4278230703

# Rectangle

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



4285758693



4292237219



4285960216



4278230120



# Sweetspot

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



4285758693



4292467967



4285785563



4285098624



4278190080



4286611584



# Same Dimension

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



4285758693



4284904191



4288902117



4284967027



4278193843



4278191155



# Inverse Universe

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



4293227388



4294927986



4290176371



4285753192



4289921038

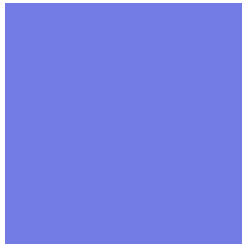


4281532420



# Previews

## White Background



This preview shows how the Android color 4285758693 looks on a white background.

## Color Contrast Check

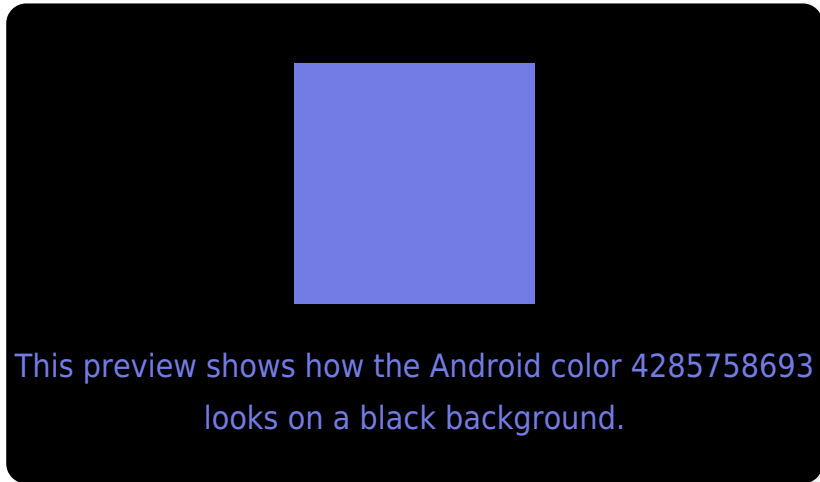
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285758693 Background



This preview shows how black text looks on a background with the Android color 4285758693.



This preview shows how white text looks on a background with the Android color 4285758693.

# 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**  
4285758693

**Protanomaly**  
4284514537

**Deuteranomaly**  
4283728868

**Tritanomaly**  
4284778421

# Monochromacy



**Original Color**  
4285758693

**Achromatopsia**  
4286940549

**Achromatomaly**  
4286481064

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285758693 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(115, 124, 229)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 229)  
}
```

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(115, 124, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 229) }
```

## Border

The CSS property to change the border of an element to Android 4285758693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

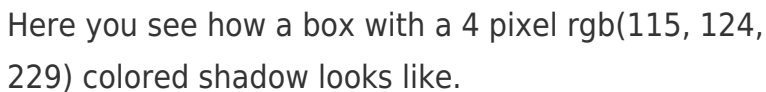
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 124, 229) }
```

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

```
.border{ border-color:rgb(115, 124, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 124, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 124, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 124, 229);  
box-shadow:4px 4px 4px 4px rgb(115, 124,  
229) }
```

# Background

The CSS property to change the background color of an element to Android 4285758693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 124, 229) }
```

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

```
.background{ background-color: rgb(115,  
124, 229) }
```

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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