

# Converting Colors

Android(4285164737)

Have a look what the booklet for  
Android(4285164737) contains.

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# Color

**Android(4285164737)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6CC1
RGB	106, 108, 193
RGB Percent	42%, 42%, 76%
CMY	0.5843, 0.5765, 0.2431
CMYK	0.45, 0.44, 0.00, 0.24
HSL	239°, 41%, 59%
HSV	239°, 45%, 76%
XYZ	20.9321, 17.6396, 52.7536
YIQ	117.0920, -28.4770, 26.0110

# Conversions

## Conversions Part 2

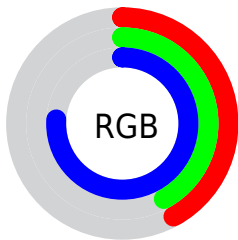
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 108, 193
Decimal	6974657
CIE <sub>Lab</sub>	49.06, 21.53, -44.92
CIE <sub>LCh</sub>	49, 49.811, 295.611
Yxy	17.6396, 0.2292, 0.1932
Android (android.graphics.Color)	4285164737 (0xFF6A6CC1)
YUV	117.0920, 37.4226, -9.7277
Hunter-Lab	41.9995, 15.4633, -45.0718

# Details

The Android color `4285164737` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4290887530`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4288782330`, and `4281482635` is the 20% darker color. If you saturate the color by 10%, you get `4283914689`, and if you desaturate by 10%, it is `4286414785`.

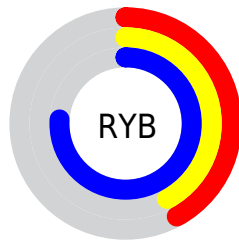
# Distribution



Red (42%)

Green (42%)

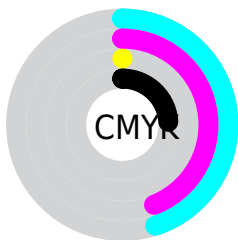
Blue (76%)



Red (42%)

Yellow (42%)

Blue (76%)

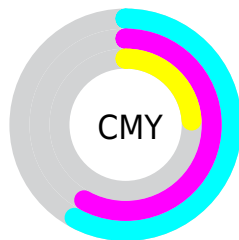


Cyan (45%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (58%)

Magenta (58%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285164737 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 4285164737 by changing the saturation by 10% instead.



■ 4285164737

■ 4285164737

4294967295

■ 4283389094

■ 4288782330

■ 4281482635

■ 4290689791

■ 4279248753

■ 4292531967

■ 4278195288

■ 4294505215

■ 4278190144

■ 4278190889

■ 4278190355

■ 4278190080

■ 4285164737

■ 4285164737

■ 4283914689

■ 4286414785

■ 4282599105

■ 4287730369

■ 4281349057

■ 4288980417

■ 4280099265

■ 4290230209

■ 4278783681

■ 4291545793

■ 4278191297

■ 4292795841

■ 4294045889

■ 4294967233

# Harmonies

## Analogous

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



4278221769



4285164737



4288830117

# Triad

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



4285164737



4289683503



4278225005

# Complementary

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



4285164737



4290887530

# 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.



4281173314



4285164737



4287655960

# Square

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



4285164737



4290793811



4284972321



4278225048

# Rectangle

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



4285164737



4290203787



4284972321



4278224990



# Sweetspot

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



4285164737



4292335866



4285186494



4285032573



4294769916



4286414205



# Same Dimension

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



4285164737



4285757178



4287851201



4283914081



4278191265



4278190369



# Inverse Universe

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



4290865772



4294603638



4288201066



4284569431



4288741380

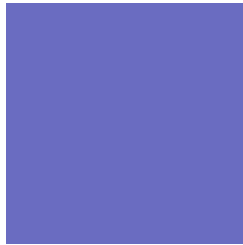


4280352769



# Previews

## White Background



This preview shows how the Android color 4285164737 looks on a white background.

## Color Contrast Check

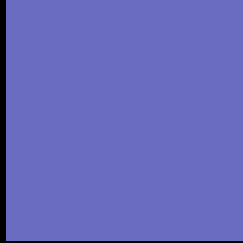
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4285164737 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 4285164737 Background



This preview shows how black text looks on a background with the Android color 4285164737.



This preview shows how white text looks on a background with the Android color 4285164737.

# 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**  
4285164737

**Protanomaly**  
4284051652

**Deuteranomaly**  
4283593408

**Tritanomaly**  
4284446106

# Monochromacy



**Original Color**  
4285164737

**Achromatopsia**  
4285887861

**Achromatomaly**  
4285624977

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285164737 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, 108, 193)` looks like.

```
.text, #text, p{  
    color:rgb(106, 108, 193)  
}
```

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, 108, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 108, 193) }
```

## Border

The CSS property to change the border of an element to Android 4285164737 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, 108, 193) }
```

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

```
.border{ border-color:rgb(106, 108, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 108, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 108, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 108, 193);  
box-shadow:4px 4px 4px 4px rgb(106, 108,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4285164737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 108, 193) }
```

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

```
.background{ background-color: rgb(106,  
108, 193) }
```

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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