

# Converting Colors

Android(4283985826)

Have a look what the booklet for  
Android(4283985826) contains.

<b>Android(4283985826)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4283985826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	586FA2
RGB	88, 111, 162
RGB Percent	35%, 44%, 64%
CMY	0.6549, 0.5647, 0.3647
CMYK	0.46, 0.31, 0.00, 0.36
HSL	221°, 30%, 49%
HSV	221°, 46%, 64%
XYZ	16.2305, 16.0522, 36.4254
YIQ	109.9370, -30.0790, 10.9850

# Conversions

## Conversions Part 2

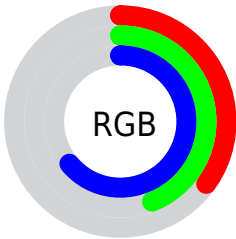
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 106, 162
Decimal	5795746
CIE <sub>Lab</sub>	47.04, 5.66, -30.14
CIE <sub>LCh</sub>	47, 30.671, 280.634
Yxy	16.0522, 0.2362, 0.2336
Android (android.graphics.Color)	4283985826 (0xFF586FA2)
YUV	109.9370, 25.6671, -19.2387
Hunter-Lab	40.0652, 2.1967, -25.8579

# Details

The Android color `4283985826` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288842584`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4287472345`, and `4280500334` is the 20% darker color. If you saturate the color by 10%, you get `4282934434`, and if you desaturate by 10%, it is `4285037218`.

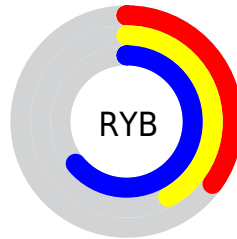
# Distribution



Red (35%)

Green (44%)

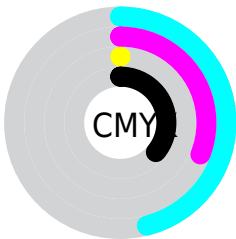
Blue (64%)



Red (35%)

Yellow (42%)

Blue (64%)

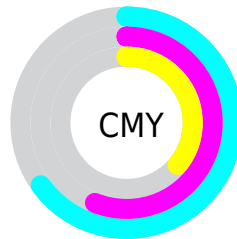


Cyan (46%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (56%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283985826 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 4283985826 by changing the saturation by 10% instead.





4283985826



4283985826

4294967295



4282275720



4287472345



4280500334



4289314294



4278200917



4291156479



4278195774



4292998911



4278190888

4294901759



4278190353



4278190080



4283985826



4283985826



4282934434



4285037218

■ 4281883042

■ 4286088610

■ 4280766114

■ 4287205538

■ 4279714466

■ 4288257186

■ 4278663074

■ 4289308578

■ 4278203042

■ 4290359970

■ 4291411362

■ 4292528290

■ 4293579682

# Harmonies

## Analogous

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



4280580000



4283985826



4286473623

# Triad

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



4283985826



4288503887



4281957470

# Complementary

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



4283985826



4288842584

# 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.



4284184647



4283985826



4287522879

# Square

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



4283985826



4288764775



4286017852



4278222200

# Rectangle

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



4283985826



4287651977



4286017852



4282743637



# Sweetspot

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



4283985826



4290166740



4283998859



4284047211



4293651435



4285229931



# Same Dimension

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



4283985826



4284449748



4284897442



4282993746



4278201745



4278191634



# Inverse Universe

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



4288829551



4292108163



4287930968



4283582796



4287692845



4279369734



# Previews

## White Background



This preview shows how the Android color 4283985826 looks on a white background.

## Color Contrast Check

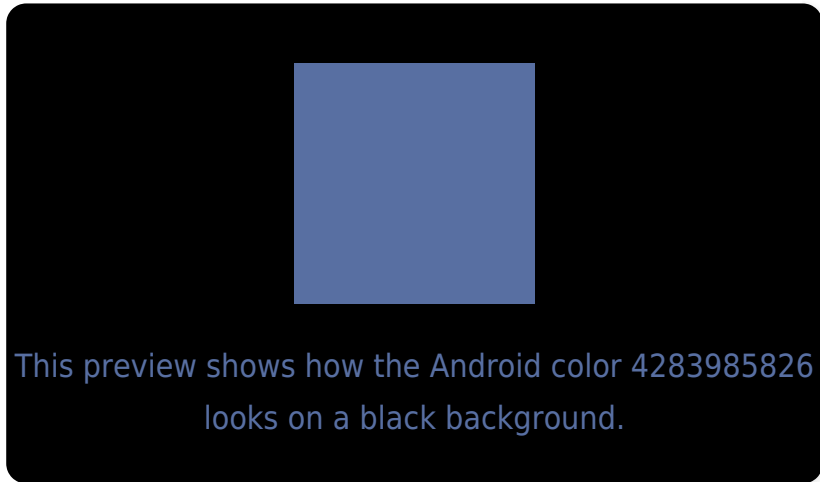
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

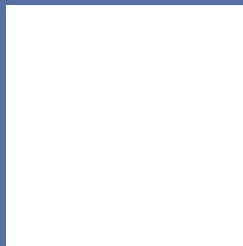
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283985826 Background



This preview shows how black text looks on a background with the Android color 4283985826.



This preview shows how white text looks on a background with the Android color 4283985826.

# 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**  
4283985826

**Protanopia**  
4284444321

**Deuteranopia**  
4284116642



# Trichromacy



**Original Color**  
4283985826

**Protanomaly**  
4284247713

**Deuteranomaly**  
4284051106

**Tritanomaly**  
4283593612

# Monochromacy



**Original Color**  
4283985826

**Achromatopsia**  
4285427310

**Achromatomaly**  
4284903041

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283985826 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(88, 111, 162)` looks like.

```
.text, #text, p{  
    color:rgb(88, 111, 162)  
}
```

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(88, 111, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 111, 162) }
```

## Border

The CSS property to change the border of an element to Android 4283985826 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(88, 111, 162) }
```

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

```
.border{ border-color:rgb(88, 111, 162) }
```

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

Here you see how a box with a 4 pixel rgb(88, 111, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 111, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 111, 162);  
box-shadow:4px 4px 4px 4px rgb(88, 111,  
162) }
```

# Background

The CSS property to change the background color of an element to Android 4283985826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 111, 162) }
```

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

```
.background{ background-color: rgb(88, 111,  
162) }
```

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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