

# Converting Colors

Android(4283658911)

Have a look what the booklet for  
Android(4283658911) contains.

<b>Android(4283658911)</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(4283658911)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53729F
RGB	83, 114, 159
RGB Percent	33%, 45%, 62%
CMY	0.6745, 0.5529, 0.3765
CMYK	0.48, 0.28, 0.00, 0.38
HSL	216°, 31%, 47%
HSV	216°, 48%, 62%
XYZ	15.8426, 16.3768, 35.1269
YIQ	109.8610, -32.9210, 7.4230

# Conversions

## Conversions Part 2

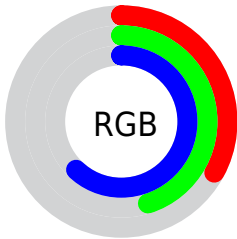
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 105, 159
Decimal	5468831
CIE <sub>Lab</sub>	47.47, 1.61, -27.75
CIE <sub>LCh</sub>	47, 27.794, 273.326
Yxy	16.3768, 0.2352, 0.2432
Android (android.graphics.Color)	4283658911 (0xFF53729F)
YUV	109.8610, 24.2255, -23.5571
Hunter-Lab	40.4683, -0.9400, -23.1366

# Details

The Android color `4283658911` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288643155`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4287145686`, and `4280042091` is the 20% darker color. If you saturate the color by 10%, you get `4282608031`, and if you desaturate by 10%, it is `4284709791`.

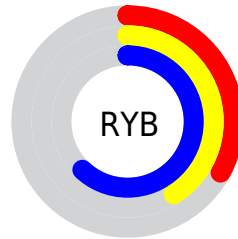
# Distribution



Red (33%)

Green (45%)

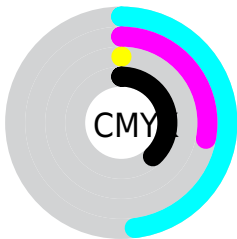
Blue (62%)



Red (33%)

Yellow (41%)

Blue (62%)

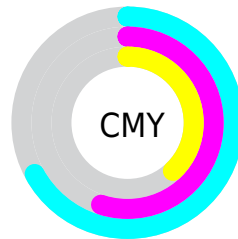


Cyan (48%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (67%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283658911 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 4283658911 by changing the saturation by 10% instead.





4283658911



4283658911

4294967295



4281948805



4287145686



4280042091



4288987634



4278201427



4290829823



4278196283



4292671999



4278190630



4294574079



4278190350



4278190080



4283658911



4283658911



4282608031



4284709791

■ 4281556895

■ 4285760927

■ 4280506015

■ 4286811807

■ 4279454879

■ 4287862943

■ 4278403999

■ 4288913823

■ 4278206879

■ 4289899167

■ 4290950303

■ 4292001183

■ 4293052319

# Harmonies

## Analogous

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



4280908186



4283658911



4286016152

# Triad

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



4283658911



4288504152



4282940251

# Complementary

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



4283658911



4288643155

# 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.



4284839753



4283658911



4287719495

# Square

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



4283658911



4288503407



4286410817



4280843634

# Rectangle

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



4283658911



4287194253



4286410817



4283595348



# Sweetspot

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



4283658911



4289904079



4283670399



4283915881



4293454056



4285098345



# Same Dimension

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



4283658911



4284058063



4284044191



4282862159



4278205071



4278191631



# Inverse Universe

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



4288631666



4291778953



4288257875



4283385674



4287561786

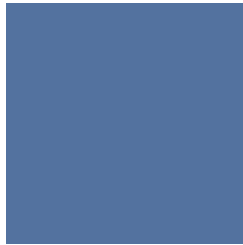


4279173126



# Previews

## White Background



This preview shows how the Android color 4283658911 looks on a white background.

## Color Contrast Check

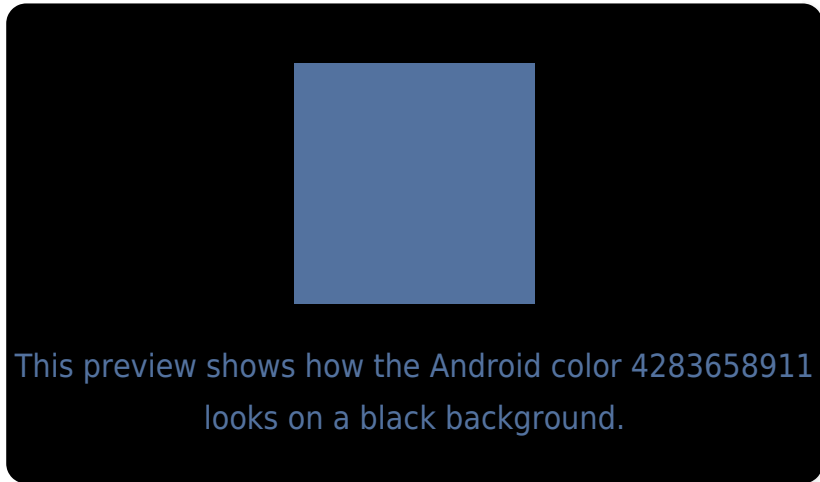
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283658911 Background



This preview shows how black text looks on a background with the Android color 4283658911.



This preview shows how white text looks on a background with the Android color 4283658911.

# 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**  
4283658911

**Protanopia**  
4284641180

**Deuteranopia**  
4284444576



# Trichromacy



**Original Color**  
4283658911

**Protanomaly**  
4284313757

**Deuteranomaly**  
4284182688

**Tritanomaly**  
4283266700

# Monochromacy



**Original Color**  
4283658911

**Achromatopsia**  
4285427310

**Achromatomaly**  
4284772224

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283658911 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(83, 114, 159)` looks like.

```
.text, #text, p{  
    color:rgb(83, 114, 159)  
}
```

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(83, 114, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 114, 159) }
```

## Border

The CSS property to change the border of an element to Android 4283658911 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(83, 114, 159) }
```

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

```
.border{ border-color:rgb(83, 114, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 114, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 114, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 114, 159);  
box-shadow:4px 4px 4px 4px rgb(83, 114,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4283658911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 114, 159) }
```

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

```
.background{ background-color: rgb(83, 114,  
159) }
```

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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