

# Converting Colors

Android(4283593117)

Have a look what the booklet for  
Android(4283593117) contains.

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# Color

**Android(4283593117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52719D
RGB	82, 113, 157
RGB Percent	32%, 44%, 62%
CMY	0.6784, 0.5569, 0.3843
CMYK	0.48, 0.28, 0.00, 0.38
HSL	215°, 31%, 47%
HSV	215°, 48%, 62%
XYZ	15.4706, 16.0384, 34.1786
YIQ	108.7470, -32.6000, 7.1120

# Conversions

## Conversions Part 2

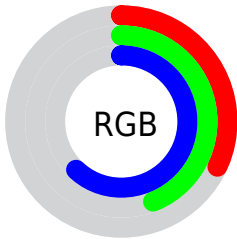
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	82, 104, 157
Decimal	5403037
CIE Lab	47.02, 1.34, -27.26
CIE LCh	47, 27.293, 272.813
Yxy	16.0384, 0.2355, 0.2442
Android (android.graphics.Color)	4283593117 (0xFF52719D)
YUV	108.7470, 23.7887, -23.4571
Hunter-Lab	40.0480, -1.1291, -22.5670

# Details

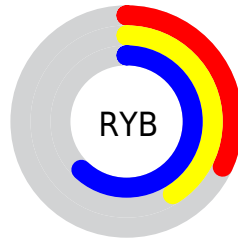
The Android color `4283593117` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288511570`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4287079892`, and `4280041833` is the 20% darker color. If you saturate the color by 10%, you get `4282542237`, and if you desaturate by 10%, it is `4284643997`.

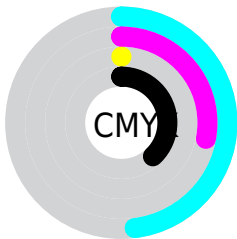
# Distribution



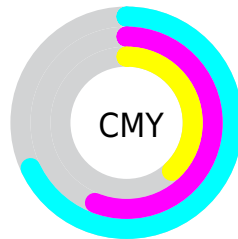
- Red (32%)
- Green (44%)
- Blue (62%)



- Red (32%)
- Yellow (41%)
- Blue (62%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)



- Cyan (68%)
- Magenta (56%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283593117 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 4283593117 by changing the saturation by 10% instead.



■ 4283593117

■ 4283593117

4294967295

■ 4281883011

■ 4287079892

■ 4280041833

■ 4288856304

■ 4278201425

■ 4290698239

■ 4278196026

■ 4292606207

■ 4278190628

■ 4294508543

■ 4278190092

■ 4278190080

■ 4283593117

■ 4283593117

■ 4282542237

■ 4284643997

■ 4281556893

■ 4285629341

■ 4280505757

■ 4286680477

■ 4279454877

■ 4287731357

■ 4278403997

■ 4288782237

■ 4278206877

■ 4289767581

■ 4290818461

■ 4291869597

■ 4292854941

# Harmonies

## Analogous

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



4280973208



4283593117



4285884822

# Triad

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



4283593117



4288372824



4283005530

# Complementary

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



4283593117



4288511570

# 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.



4284773960



4283593117



4287653703

# Square

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



4283593117



4288372334



4286410561



4280974449

# Rectangle

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



4283593117



4287062923



4286410561



4283595091



# Sweetspot

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



4283593117



4289706956



4283604350



4283784294



4293322470



4284900966



# Same Dimension

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



4283593117



4283992268



4283978397



4282862159



4278205327



4278191631



# Inverse Universe

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



4288500337



4291582088



4288126290



4283385674



4287561787



4279173126



# Previews

## White Background



This preview shows how the Android color 4283593117 looks on a white background.

## Color Contrast Check

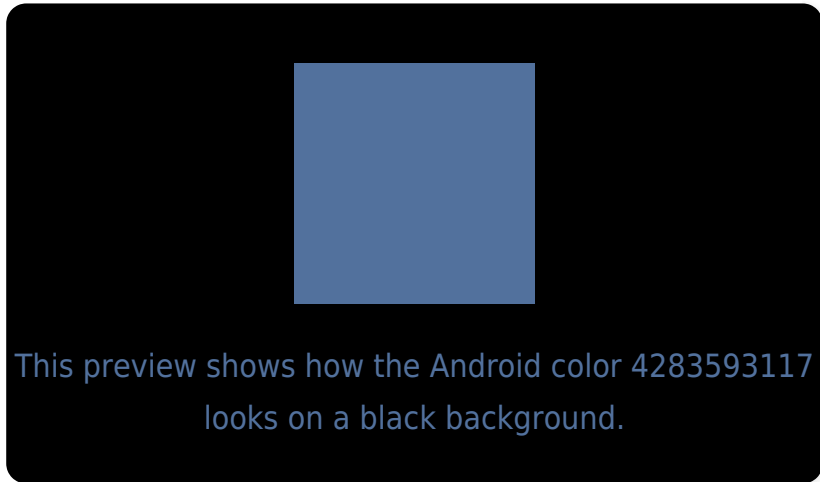
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283593117 Background



This preview shows how black text looks on a background with the Android color 4283593117.



This preview shows how white text looks on a background with the Android color 4283593117.

# 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**  
4283593117

**Protanopia**  
4284640922

**Deuteranopia**  
4284378782



# Trichromacy



**Original Color**  
4283593117

**Protanomaly**  
4284247963

**Deuteranomaly**  
4284116894

**Tritanomaly**  
4283200651

# Monochromacy



**Original Color**  
4283593117

**Achromatopsia**  
4285361517

**Achromatomaly**  
4284706430

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283593117 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(82, 113, 157)` looks like.

```
.text, #text, p{  
    color:rgb(82, 113, 157)  
}
```

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(82, 113, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 113, 157) }
```

## Border

The CSS property to change the border of an element to Android 4283593117 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(82, 113, 157) }
```

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

```
.border{ border-color:rgb(82, 113, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 113, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 113, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 113, 157);  
box-shadow:4px 4px 4px 4px rgb(82, 113,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4283593117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 113, 157) }
```

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

```
.background{ background-color: rgb(82, 113,  
157) }
```

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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