

# Converting Colors

Android(4284168179)

Have a look what the booklet for  
Android(4284168179) contains.

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**Color**

**Android(4284168179)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B37F3
RGB	91, 55, 243
RGB Percent	36%, 22%, 95%
CMY	0.6431, 0.7843, 0.0471
CMYK	0.63, 0.77, 0.00, 0.05
HSL	251°, 89%, 58%
HSV	251°, 77%, 95%
XYZ	21.8582, 11.4276, 85.8477
YIQ	87.1960, -38.8920, 66.1000

# Conversions

## Conversions Part 2

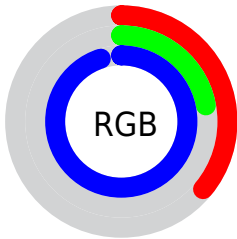
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 55, 243
Decimal	5978099
CIE Lab	40.29, 63.70, -87.71
CIE LCh	40, 108.400, 305.988
Yxy	11.4276, 0.1835, 0.0959
Android (android.graphics.Color)	4284168179 (0xFF5B37F3)
YUV	87.1960, 76.8114, 3.3361
Hunter-Lab	33.8047, 56.2604, -126.9048

# Details

The Android color `4284168179` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed blue. A complement of this color would be `4291818295`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4288506879`, and `4278190265` is the 20% darker color. If you saturate the color by 10%, you get `4282851315`, and if you desaturate by 10%, it is `4285485043`.

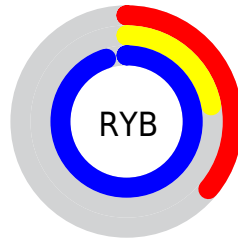
# Distribution



Red (36%)

Green (22%)

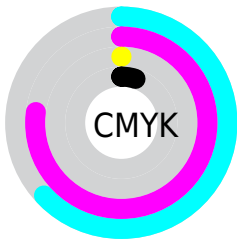
Blue (95%)



Red (36%)

Yellow (22%)

Blue (95%)

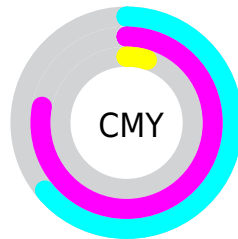


Cyan (63%)

Magenta (77%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (78%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284168179 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 4284168179 by changing the saturation by 10% instead.



 4284168179

 4284168179

4294967295

 4281539798

 4288506879

 4278190265

 4290610943

 4278190237

 4292649471

 4278190210

 4294688255

 4278190440

 4294957567

 4278192719

 4294964991

 4278191415

 4278190624

 4278190085

■ 4284168179

■ 4284168179

■ 4282851315

■ 4285485043

■ 4281599731

■ 4286736627

■ 4281270515

■ 4288053491

■ 4289370355

■ 4290621683

■ 4291938803

■ 4293255667

■ 4294506995

■ 4294967283

# Harmonies

## Analogous

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



4278217215



4284168179



4291690665

# Triad

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



4284168179



4289411328



4278222192

# Complementary

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



4284168179



4291818295

# 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.



4278221312



4284168179



4284834304

# Square

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



4284168179



4292542464



4278219520



4278222536

# Rectangle

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



4284168179



4293394543



4278219520



4278221904



# Sweetspot

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



4284168179



4291871999



4281848307



4284701824



4278190080



4286611584



# Same Dimension

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



4284168179



4282323711



4290197491



4285623930



4280549562



4278911035



# Inverse Universe

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



4294129615



4294906578



4285788983



4286213752



4290379927

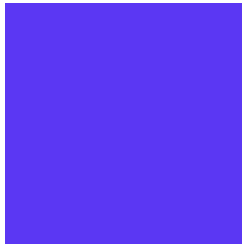


4282056751



# Previews

## White Background



This preview shows how the Android color 4284168179 looks on a white background.

## Color Contrast Check

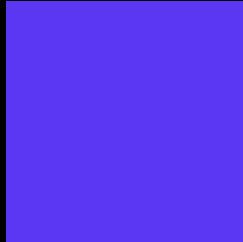
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284168179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

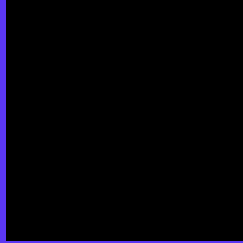
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284168179 Background



This preview shows how black text looks on a background with the Android color 4284168179.



This preview shows how white text looks on a background with the Android color 4284168179.

# 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**  
4284168179

**Protanopia**  
4278213568

**Deuteranopia**  
4278215076



# Trichromacy



**Original Color**  
4284168179

**Protanomaly**  
4280372947

**Deuteranomaly**  
4280373953

**Tritanomaly**  
4280375200

# Monochromacy



**Original Color**  
4284168179

**Achromatopsia**  
4283914071

**Achromatomaly**  
4283976592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284168179 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(91, 55, 243)` looks like.

```
.text, #text, p{  
    color:rgb(91, 55, 243)  
}
```

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(91, 55, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 55, 243) }
```

## Border

The CSS property to change the border of an element to Android 4284168179 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(91, 55, 243) }
```

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

```
.border{ border-color:rgb(91, 55, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 55, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 55, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 55, 243);  
box-shadow:4px 4px 4px 4px rgb(91, 55,  
243) }
```

# Background

The CSS property to change the background color of an element to Android 4284168179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 55, 243) }
```

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

```
.background{ background-color: rgb(91, 55,  
243) }
```

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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