

# Converting Colors

Android(4284169453)

Have a look what the booklet for  
Android(4284169453) contains.

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**Color**

**Android(4284169453)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B3CED
RGB	91, 60, 237
RGB Percent	36%, 24%, 93%
CMY	0.6431, 0.7647, 0.0706
CMYK	0.62, 0.75, 0.00, 0.07
HSL	251°, 83%, 58%
HSV	251°, 75%, 93%
XYZ	21.2163, 11.5703, 81.2358
YIQ	89.4470, -38.3410, 61.6190

# Conversions

## Conversions Part 2

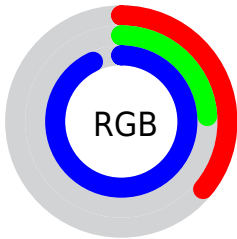
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 60, 237
Decimal	5979373
CIE <sub>Lab</sub>	40.52, 59.66, -83.94
CIE <sub>LCh</sub>	41, 102.983, 305.405
Yxy	11.5703, 0.1861, 0.1015
Android (android.graphics.Color)	4284169453 (0xFF5B3CED)
YUV	89.4470, 72.7436, 1.3620
Hunter-Lab	34.0151, 51.8096, -117.7874

# Details

The Android color `4284169453` 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 `4291751228`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4288442367`, and `4278191284` is the 20% darker color. If you saturate the color by 10%, you get `4282852589`, and if you desaturate by 10%, it is `4285486317`.

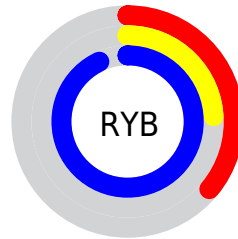
# Distribution



Red (36%)

Green (24%)

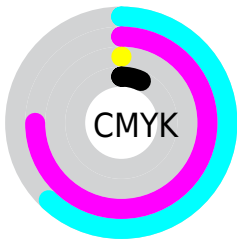
Blue (93%)



Red (36%)

Yellow (24%)

Blue (93%)

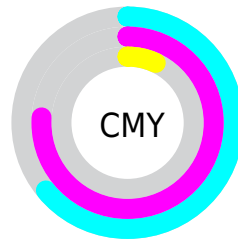


Cyan (62%)

Magenta (75%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (76%)

Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4284169453 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 4284169453 by changing the saturation by 10% instead.



 4284169453

 4284169453

4294967295

 4281606864

 4288442367

 4278191284

 4290480895

 4278190232

 4292519423

 4278190205

 4294558207

 4278190435

 4294958591

 4278192458

 4294966015

 4278191154

 4278190620

 4278190080

■ 4284169453

■ 4284169453

■ 4282852589

■ 4285486317

■ 4281601517

■ 4286737389

■ 4280942829

■ 4288054253

■ 4289305581

■ 4290622445

■ 4291873517

■ 4293190381

■ 4294441709

■ 4294967277

# Harmonies

## Analogous

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



4278217215



4284169453



4291297448

# Triad

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



4284169453



4289346304



4278221934

# Complementary

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



4284169453



4291751228

# 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.



4278221316



4284169453



4285030912

# Square

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



4284169453



4292345856



4278219520



4278222529

# Rectangle

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



4284169453



4293066865



4278219520



4278221904



# Sweetspot

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



4284169453



4291938303



4282175469



4284767872



4278190080



4286611584



# Same Dimension

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



4284169453



4282522111



4289871085



4285295221



4280287413



4278779958



# Inverse Universe

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



4293737678



4294908375



4286049596



4285885043



4290052245

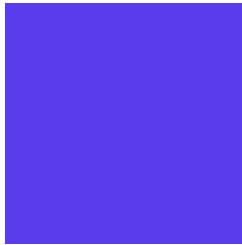


4281729068



# Previews

## White Background



This preview shows how the Android color 4284169453 looks on a white background.

## Color Contrast Check

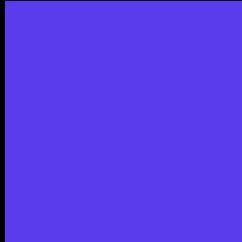
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284169453 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 4284169453 Background



This preview shows how black text looks on a background with the Android color 4284169453.



This preview shows how white text looks on a background with the Android color 4284169453.

# 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**  
4284169453

**Protanopia**  
4278213825

**Deuteranopia**  
4278215333



# Trichromacy



**Original Color**

4284169453



**Protanomaly**

4280373457



**Deuteranomaly**

4280374463



**Tritanomaly**

4281227678

# Monochromacy



**Original Color**

4284169453



**Achromatopsia**

4284045657



**Achromatomaly**

4284108431

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284169453 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, 60, 237)` looks like.

```
.text, #text, p{  
    color:rgb(91, 60, 237)  
}
```

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, 60, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 60, 237) }
```

## Border

The CSS property to change the border of an element to Android 4284169453 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, 60, 237) }
```

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

```
.border{ border-color:rgb(91, 60, 237) }
```

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

Here you see how a box with a 4 pixel rgb(91, 60, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 60, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 60, 237);  
box-shadow:4px 4px 4px 4px rgb(91, 60,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4284169453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 60, 237) }
```

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

```
.background{ background-color: rgb(91, 60,  
237) }
```

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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