

# Converting Colors

Android(4283907583)

Have a look what the booklet for  
Android(4283907583) contains.

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# Color

**Android(4283907583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	573DFF
RGB	87, 61, 255
RGB Percent	34%, 24%, 100%
CMY	0.6588, 0.7608, 0.0000
CMYK	0.66, 0.76, 0.00, 0.00
HSL	248°, 100%, 62%
HSV	248°, 76%, 100%
XYZ	23.6492, 12.5837, 95.7902
YIQ	90.8900, -46.7780, 65.8460

# Conversions

## Conversions Part 2

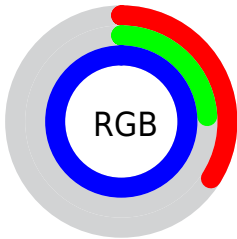
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 61, 255
Decimal	5717503
CIE <sub>Lab</sub>	42.13, 63.93, -91.42
CIE <sub>LCh</sub>	42, 111.550, 304.964
Yxy	12.5837, 0.1791, 0.0953
Android (android.graphics.Color)	4283907583 (0xFF573DFF)
YUV	90.8900, 80.9062, -3.4115
Hunter-Lab	35.4735, 56.9223, -135.2709

# Details

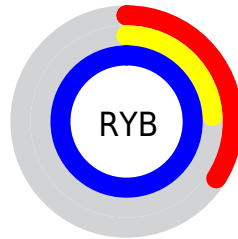
The Android color `4283907583` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed blue. A complement of this color would be `4293263165`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4288442879`, and `4278191045` is the 20% darker color. If you saturate the color by 10%, you get `4282459135`, and if you desaturate by 10%, it is `4285356031`.

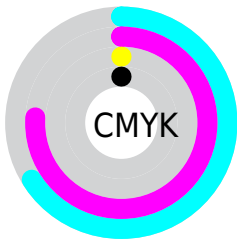
# Distribution



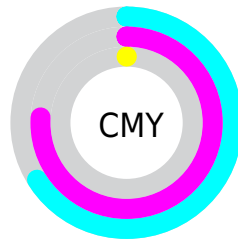
- Red (34%)
- Green (24%)
- Blue (100%)



- Red (34%)
- Yellow (24%)
- Blue (100%)



- Cyan (66%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (76%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283907583 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 4283907583 by changing the saturation by 10% instead.



 4283907583

 4283907583

4294967295

 4280951778

 4288442879

 4278191045

 4290546687

 4278190248

 4292651007

 4278190221

 4294689791

 4278190194

 4294959103

 4278193496

 4294966527

 4278191936

 4278190889

 4278190355

■ 4283907583

■ 4283907583

■ 4282459135

■ 4285356031

■ 4281010943

■ 4286804223

■ 4280418559

■ 4288252671

■ 4289700863

■ 4291149311

■ 4292597503

■ 4294111487

4294967295

# Harmonies

## Analogous

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



4278218751



4283907583



4292083892

# Triad

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



4283907583



4290001152



4278223473

# Complementary

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



4283907583



4293263165

# 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.



4278222592



4283907583



4285294080

# Square

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



4283907583



4293263360



4278220800



4278224077

# Rectangle

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



4283907583



4293984375



4278220800



4278223185



# Sweetspot

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



4283907583



4291609855



4282246655



4284570752



4278190080



4286611584



# Same Dimension

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



4283907583



4281735167



4290264575



4285821824



4279894207



4278779968



# Inverse Universe

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



4294917605



4294907872



4286906173



4286608254



4290707622

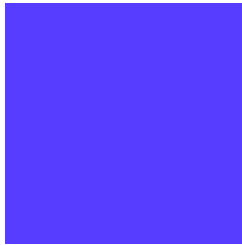


4282384439



# Previews

## White Background



This preview shows how the Android color 4283907583 looks on a white background.

## Color Contrast Check

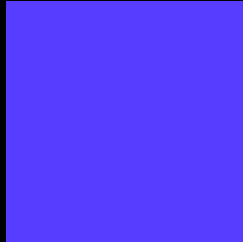
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283907583 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 4283907583 Background



This preview shows how black text looks on a background with the Android color 4283907583.



This preview shows how white text looks on a background with the Android color 4283907583.

# 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**

4283907583

**Protanopia**

4278214600

**Deuteranopia**

4278216107



# Trichromacy



**Original Color**  
4283907583



**Protanomaly**  
4280308700



**Deuteranomaly**  
4280309450



**Tritanomaly**  
4280310951

# Monochromacy



**Original Color**  
4283907583



**Achromatopsia**  
4284177243



**Achromatomaly**  
4284108951

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283907583 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(87, 61, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 61, 255)  
}
```

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(87, 61, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 61, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283907583 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(87, 61, 255) }
```

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

```
.border{ border-color:rgb(87, 61, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 61, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 61, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 61, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 61,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283907583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 61, 255) }
```

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

```
.background{ background-color: rgb(87, 61,  
255) }
```

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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