

# Converting Colors

Android(4283846143)

Have a look what the booklet for  
Android(4283846143) contains.

<b>Android(4283846143)</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(4283846143)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	564DFF
RGB	86, 77, 255
RGB Percent	34%, 30%, 100%
CMY	0.6627, 0.6980, 0.0000
CMYK	0.66, 0.70, 0.00, 0.00
HSL	243°, 100%, 65%
HSV	243°, 70%, 100%
XYZ	24.5416, 14.5062, 96.1142
YIQ	99.9830, -51.7740, 57.2660

# Conversions

## Conversions Part 2

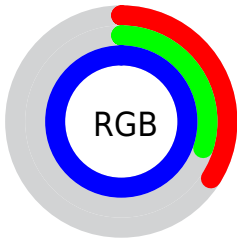
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 77, 255
Decimal	5656063
CIE <sub>Lab</sub>	44.95, 55.67, -86.77
CIE <sub>LCh</sub>	45, 103.093, 302.685
Yxy	14.5062, 0.1816, 0.1073
Android (android.graphics.Color)	4283846143 (0xFF564DFF)
YUV	99.9830, 76.4234, -12.2631
Hunter-Lab	38.0870, 48.3655, -122.9601

# Details

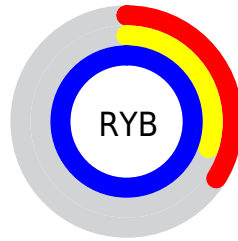
The Android color `4283846143` is a dark color, and the websafe version is hex `6633FF`. The color can be described as middle washed blue. A complement of this color would be `4294377293`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4288315647`, and `4278197701` is the 20% darker color. If you saturate the color by 10%, you get `4282266879`, and if you desaturate by 10%, it is `4285425663`.

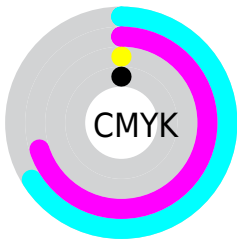
# Distribution



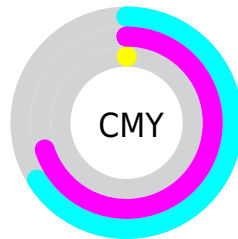
- Red (34%)
- Green (30%)
- Blue (100%)



- Red (34%)
- Yellow (30%)
- Blue (100%)



- Cyan (66%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (70%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283846143 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 4283846143 by changing the saturation by 10% instead.



 4283846143

 4283846143

4294967295

 4280890850

 4288315647

 4278197701

 4290419455

 4278191529

 4292458239

 4278190221

 4294562559

 4278190195

 4294962943

 4278193497

 4278191936

 4278190889

 4278190355

■ 4283846143

■ 4283846143

■ 4282266879

■ 4285425663

■ 4280687359

■ 4287004927

■ 4279042559

■ 4288649983

■ 4279042303

■ 4290229247

■ 4291808767

■ 4293388031

4294967295

# Harmonies

## Analogous

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



4278220543



4283846143



4291821755

# Triad

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



4283846143



4290593024



4278225264

# Complementary

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



4283846143



4294377293

# 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.



4278224129



4283846143



4286278400

# Square

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



4283846143



4293525522



4278222080



4278225607

# Rectangle

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



4283846143



4293853315



4278222080



4278224978



# Sweetspot

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



4283846143



4291611135



4283299583



4284571776



4278190080



4286611584



# Same Dimension

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



4283846143



4281608703



4289678847



4285756288



4278845631



4278386752



# Inverse Universe

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



4294921718



4294912500



4288544589



4286608255



4290707638

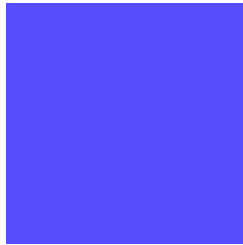


4282384445



# Previews

## White Background



This preview shows how the Android color 4283846143 looks on a white background.

## Color Contrast Check

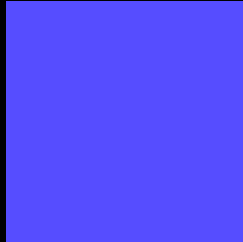
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283846143 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 4283846143 Background



This preview shows how black text looks on a background with the Android color 4283846143.



This preview shows how white text looks on a background with the Android color 4283846143.

# 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**

4283846143

**Protanopia**

4278216407

**Deuteranopia**

4278217912



# Trichromacy



**Original Color**  
4283846143



**Protanomaly**  
4280245734



**Deuteranomaly**  
4280246738



**Tritanomaly**  
4280247981

# Monochromacy



**Original Color**  
4283846143



**Achromatopsia**  
4284769380



**Achromatomaly**  
4284439708

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283846143 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(86, 77, 255)` looks like.

```
.text, #text, p{  
    color:rgb(86, 77, 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(86, 77, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 77, 255) }
```

## Border

The CSS property to change the border of an element to Android 4283846143 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(86, 77, 255) }
```

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

```
.border{ border-color:rgb(86, 77, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 77, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 77, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 77, 255);  
box-shadow:4px 4px 4px 4px rgb(86, 77,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4283846143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 77, 255) }
```

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

```
.background{ background-color: rgb(86, 77,  
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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