

# Converting Colors

Android(4284777444)

Have a look what the booklet for  
Android(4284777444) contains.

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# **Color**

**Android(4284777444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6483E4
RGB	100, 131, 228
RGB Percent	39%, 51%, 89%
CMY	0.6078, 0.4863, 0.1059
CMYK	0.56, 0.43, 0.00, 0.11
HSL	225°, 70%, 64%
HSV	225°, 56%, 89%
XYZ	27.3754, 24.5434, 76.6933
YIQ	132.7890, -49.6130, 23.5950

# Conversions

## Conversions Part 2

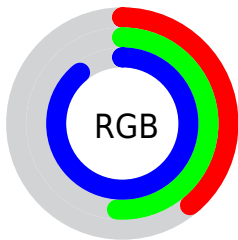
Format	Color
<a href="#">RYB</a>	<a href="#">100, 125, 228</a>
Decimal	<a href="#">6587364</a>
CIELab	<a href="#">56.63, 17.15, -52.73</a>
CIElCh	<a href="#">57, 55.448, 288.017</a>
Yxy	<a href="#">24.5434, 0.2129, 0.1908</a>
Android (android.graphics.Color)	<a href="#">4284777444 (0xFF6483E4)</a>
YUV	<a href="#">132.7890, 46.9390, -28.7560</a>
Hunter-Lab	<a href="#">49.5413, 11.9380, -57.1061</a>

# Details

The Android color `4284777444` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293182820`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4288657663`, and `4280242860` is the 20% darker color. If you saturate the color by 10%, you get `4283265764`, and if you desaturate by 10%, it is `4286289124`.

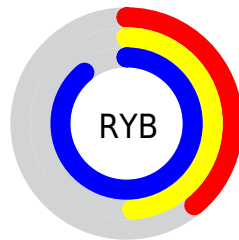
# Distribution



Red (39%)

Green (51%)

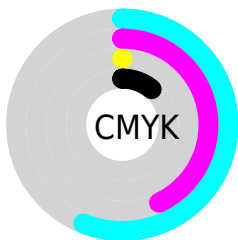
Blue (89%)



Red (39%)

Yellow (49%)

Blue (89%)

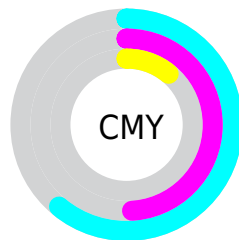


Cyan (56%)

Magenta (43%)

Yellow (0%)

Black (11%)



Cyan (61%)

Magenta (49%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284777444 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 4284777444 by changing the saturation by 10% instead.



 4284777444

 4284777444

4294967295

 4282739400

 4288657663

 4280242860

 4290565119

 4278205585

 4292538367

 4278200183

 4294508543

 4278195293

 4278191685

 4278190894

 4278190360

 4278190080

■ 4284777444

■ 4284777444

■ 4283265764

■ 4286289124

■ 4281753828

■ 4287801060

■ 4280307684

■ 4289247204

■ 4278796004

■ 4290758884

■ 4278204388

■ 4292270564

■ 4293782500

■ 4294966500

■ 4294967268

# Harmonies

## Analogous

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



4278227942



4284777444



4289687241

# Triad

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



4284777444



4291914561



4278230642

# Complementary

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



4284777444



4293182820

# 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.



4283144515



4284777444



4289822498

# Square

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



4284777444



4292893805



4286942754



4278230948

# Rectangle

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



4284777444



4291584685



4286942754



4278230370



# Sweetspot

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



4284777444



4292140799



4284802244



4284902528



4278190080



4286611584



# Same Dimension

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



4284777444



4283727615



4286866660



4284967539



4278201267



4278193203



# Inverse Universe

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



4293158019



4294923390



4291093604



4285753194



4289921067

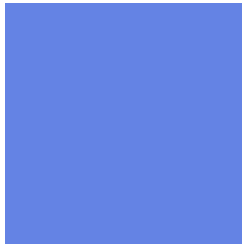


4281532428



# Previews

## White Background



This preview shows how the Android color 4284777444 looks on a white background.

## Color Contrast Check

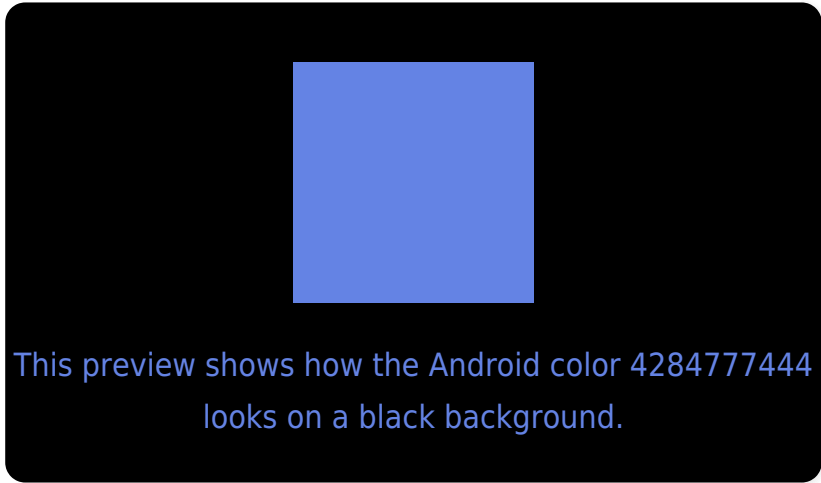
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4284777444 Background



This preview shows how black text looks on a background with the Android color 4284777444.

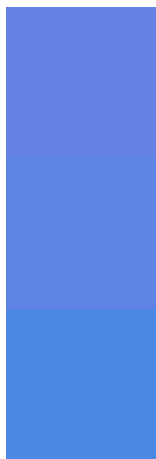


This preview shows how white text looks on a background with the Android color 4284777444.

# 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**

4284777444

**Protanopia**

4284384485

**Deuteranopia**

4283009251



# Trichromacy



**Original Color**

4284777444

**Protanomaly**

4284515557

**Deuteranomaly**

4283664099

**Tritanomaly**

4283665847

# Monochromacy



**Original Color**

4284777444

**Achromatopsia**

4286940549

**Achromatomaly**

4286153896

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284777444 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(100, 131, 228)` looks like.

```
.text, #text, p{  
    color:rgb(100, 131, 228)  
}
```

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(100, 131, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 131, 228) }
```

## Border

The CSS property to change the border of an element to Android 4284777444 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(100, 131, 228) }
```

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

```
.border{ border-color:rgb(100, 131, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 131, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 131, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 131, 228);  
box-shadow:4px 4px 4px 4px rgb(100, 131,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4284777444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 131, 228) }
```

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

```
.background{ background-color: rgb(100,  
131, 228) }
```

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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