

# Converting Colors

Android(4284780538)

Have a look what the booklet for  
Android(4284780538) contains.

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# **Color**

**Android(4284780538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	648FFA
RGB	100, 143, 250
RGB Percent	39%, 56%, 98%
CMY	0.6078, 0.4392, 0.0196
CMYK	0.60, 0.43, 0.00, 0.02
HSL	223°, 94%, 69%
HSV	223°, 60%, 98%
XYZ	32.3333, 29.2564, 94.3854
YIQ	142.3410, -59.9750, 24.1610

# Conversions

## Conversions Part 2

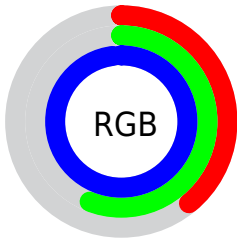
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 133, 250</a>
Decimal	<a href="#">6590458</a>
<a href="#">CIELab</a>	<a href="#">61.01, 17.11, -57.93</a>
<a href="#">CIElCh</a>	<a href="#">61, 60.401, 286.457</a>
<a href="#">Yxy</a>	<a href="#">29.2564, 0.2073, 0.1876</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4284780538</a> ( <a href="#">0xFF648FFA</a> )
<a href="#">YUV</a>	<a href="#">142.3410, 53.0759, -37.1331</a>
<a href="#">Hunter-Lab</a>	<a href="#">54.0892, 12.0473, -65.5984</a>

# Details

The Android color `4284780538` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294627172`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4288791807`, and `4279393729` is the 20% darker color. If you saturate the color by 10%, you get `4283137530`, and if you desaturate by 10%, it is `4286423546`.

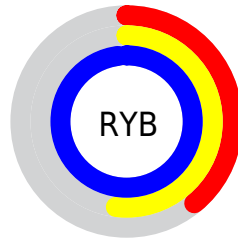
# Distribution



Red (39%)

Green (56%)

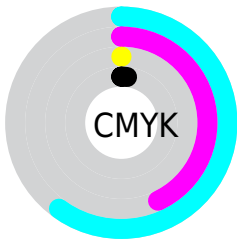
Blue (98%)



Red (39%)

Yellow (52%)

Blue (98%)

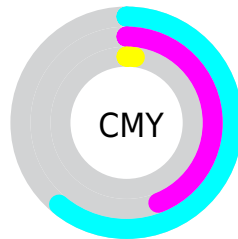


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (44%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284780538 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 4284780538 by changing the saturation by 10% instead.



 4284780538

 4284780538

4294967295

 4282545885

 4288791807

 4279393729

 4290765055

 4278208165

 4292804095

 4278202762

 4294770687

 4278197616

 4278190935

 4278191679

 4278190888

 4278190354

■ 4284780538

■ 4284780538

■ 4283137530

■ 4286423546

■ 4281494522

■ 4288066554

■ 4279851514

■ 4289709306

■ 4278208762

■ 4291352314

■ 4292995322

■ 4294638330

■ 4294967290

# Harmonies

## Analogous

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



4278231291



4284780538



4290476253

# Triad

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



4284780538



4293227079



4278233976

# Complementary

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



4284780538



4294627172

# 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.



4283737413



4284780538



4291004450

# Square

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



4284780538



4294206072



4287863327



4278234544

# Rectangle

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



4284780538



4292700607



4287863327



4278233702



# Sweetspot

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



4284780538



4291944191



4284807885



4284705664



4278190080



4286611584



# Same Dimension

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



4284780538



4282875135



4286735610



4285559933



4278204093



4278194749



# Inverse Universe

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



4294599823



4294920060



4292672100



4286410868



4290576438



4282187794



# Previews

## White Background



This preview shows how the Android color 4284780538 looks on a white background.

## Color Contrast Check

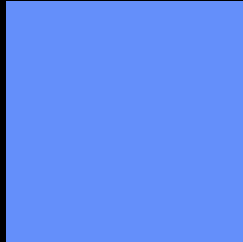
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4284780538 looks on a 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 4284780538 Background



This preview shows how black text looks on a background with the Android color 4284780538.



This preview shows how white text looks on a background with the Android color 4284780538.

# 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**

4284780538

**Protanopia**

4284780538

**Deuteranopia**

4282946809



# Trichromacy



**Original Color**  
4284780538

**Protanomaly**  
4284780538

**Deuteranomaly**  
4283601657

**Tritanomaly**  
4283341513

# Monochromacy



**Original Color**  
4284780538

**Achromatopsia**  
4287532686

**Achromatomaly**  
4286549685

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284780538 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, 143, 250)` looks like.

```
.text, #text, p{  
    color:rgb(100, 143, 250)  
}
```

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, 143, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 143, 250) }
```

## Border

The CSS property to change the border of an element to Android 4284780538 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, 143, 250) }
```

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

```
.border{ border-color:rgb(100, 143, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 143, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 143, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 143, 250);  
box-shadow:4px 4px 4px 4px rgb(100, 143,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4284780538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 143, 250) }
```

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

```
.background{ background-color: rgb(100,  
143, 250) }
```

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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