

# Converting Colors

Android(4284845785)

Have a look what the booklet for  
Android(4284845785) contains.

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# **Color**

**Android(4284845785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	658ED9
RGB	101, 142, 217
RGB Percent	40%, 56%, 85%
CMY	0.6039, 0.4431, 0.1490
CMYK	0.53, 0.35, 0.00, 0.15
HSL	219°, 60%, 62%
HSV	219°, 53%, 85%
XYZ	27.5642, 27.1225, 69.4280
YIQ	138.2910, -48.5110, 14.6330

# Conversions

## Conversions Part 2

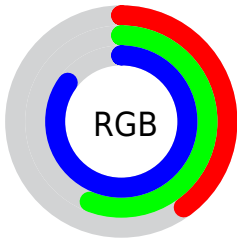
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 131, 217
Decimal	6655705
CIE Lab	59.09, 7.30, -42.68
CIE LCh	59, 43.302, 279.712
Yxy	27.1225, 0.2221, 0.2185
Android (android.graphics.Color)	4284845785 (0xFF658ED9)
YUV	138.2910, 38.8035, -32.7042
Hunter-Lab	52.0792, 3.3369, -42.5854

# Details

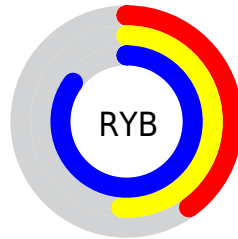
The Android color `4284845785` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4292456549`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4288594943`, and `4280704162` is the 20% darker color. If you saturate the color by 10%, you get `4283400409`, and if you desaturate by 10%, it is `4286291161`.

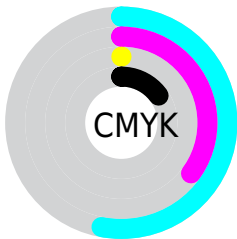
# Distribution



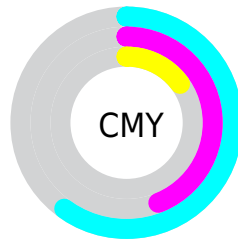
- Red (40%)
- Green (56%)
- Blue (85%)



- Red (40%)
- Yellow (51%)
- Blue (85%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (44%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284845785 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 4284845785 by changing the saturation by 10% instead.





4284845785



4284845785

4294967295



4282938813



4288594943



4280704162



4290502655



4278207879



4292476159



4278202221



4294377471



4278197077



4278190909



4278190886



4278190351



4278190080

■ 4284845785

■ 4284845785

■ 4283400409

■ 4286291161

■ 4282020569

■ 4287671001

■ 4280575193

■ 4289116377

■ 4279129817

■ 4290561753

■ 4278210009

■ 4292007129

■ 4293386969

■ 4294832345

■ 4294967001

■ 4294967257

# Harmonies

## Analogous

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



4278229461



4284845785



4288839625

# Triad

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



4284845785



4291851871



4281901171

# Complementary

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



4284845785



4292456549

# 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.



4285569618



4284845785



4290413382

# Square

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



4284845785



4292243075



4288254017



4278231706

# Rectangle

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



4284845785



4290606773



4288254017



4283342438

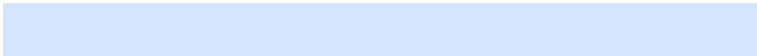


# Sweetspot

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



4284845785



4292273663



4284864942



4284969088



4278190080



4286611584



# Same Dimension

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



4284845785



4284257791



4285818329



4284704622



4278205869



4278194222



# Inverse Universe

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



4292437390



4294925461



4291484005



4285424487



4289527869



4281204752



# Previews

## White Background



This preview shows how the Android color 4284845785 looks on a white background.

## Color Contrast Check

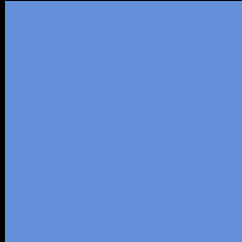
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284845785 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 4284845785 Background



This preview shows how black text looks on a background with the Android color 4284845785.

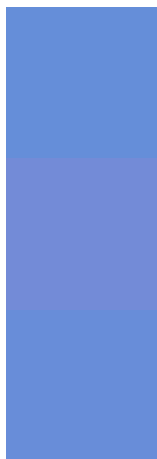


This preview shows how white text looks on a background with the Android color 4284845785.

# 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**  
4284845785

**Protanopia**  
4285762519

**Deuteranopia**  
4285042137



# Trichromacy



**Original Color**  
4284845785

**Protanomaly**  
4285435096

**Deuteranomaly**  
4284976601

**Tritanomaly**  
4284126392

# Monochromacy



**Original Color**  
4284845785

**Achromatopsia**  
4287269514

**Achromatomaly**  
4286417831

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284845785 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(101, 142, 217)` looks like.

```
.text, #text, p{  
    color:rgb(101, 142, 217)  
}
```

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(101, 142, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 142, 217) }
```

## Border

The CSS property to change the border of an element to Android 4284845785 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(101, 142, 217) }
```

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

```
.border{ border-color:rgb(101, 142, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 142, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 142, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 142, 217);  
box-shadow:4px 4px 4px 4px rgb(101, 142,  
217) }
```

# Background

The CSS property to change the background color of an element to Android 4284845785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 142, 217) }
```

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

```
.background{ background-color: rgb(101,  
142, 217) }
```

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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