

# Converting Colors

Android(4284715237)

Have a look what the booklet for  
Android(4284715237) contains.

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# **Color**

**Android(4284715237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6390E5
RGB	99, 144, 229
RGB Percent	39%, 56%, 90%
CMY	0.6118, 0.4353, 0.1020
CMYK	0.57, 0.37, 0.00, 0.10
HSL	219°, 71%, 64%
HSV	219°, 57%, 90%
XYZ	29.2617, 28.2563, 78.0405
YIQ	140.2350, -54.1050, 16.8950

# Conversions

## Conversions Part 2

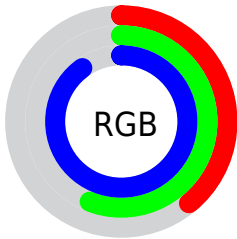
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 132, 229
Decimal	6525157
CIE Lab	60.12, 9.51, -47.74
CIE LCh	60, 48.683, 281.271
Yxy	28.2563, 0.2159, 0.2084
Android (android.graphics.Color)	4284715237 (0xFF6390E5)
YUV	140.2350, 43.7611, -36.1631
Hunter-Lab	53.1567, 5.2366, -49.8353

# Details

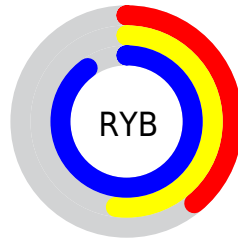
The Android color `4284715237` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293245027`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4288595455`, and `4280180397` is the 20% darker color. If you saturate the color by 10%, you get `4283204069`, and if you desaturate by 10%, it is `4286226405`.

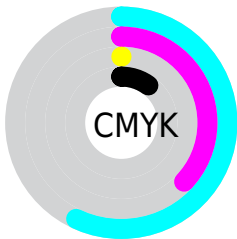
# Distribution



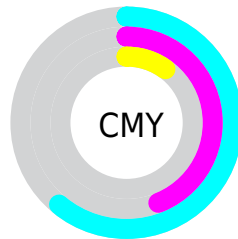
- Red (39%)
- Green (56%)
- Blue (90%)



- Red (39%)
- Yellow (52%)
- Blue (90%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (61%)
- Magenta (44%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284715237 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 4284715237 by changing the saturation by 10% instead.



 4284715237

 4284715237

4294967295

 4282677193

 4288595455

 4280180397

 4290503167

 4278208402

 4292476671

 4278202744

 4294443007

 4278197599

 4278190406

 4278191151

 4278190361

 4278190080

■ 4284715237

■ 4284715237

■ 4283204069

■ 4286226405

■ 4281692901

■ 4287737573

■ 4280181733

■ 4289248741

■ 4278670565

■ 4290759909

■ 4278210533

■ 4292271077

■ 4293716709

■ 4294965733

■ 4294967269

# Harmonies

## Analogous

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



4278230498



4284715237



4289298386

# Triad

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



4284715237



4292441434



4280263796

# Complementary

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



4284715237



4293245027

# 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.



4285242958



4284715237



4290807102

# Square

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



4284715237



4292963458



4288320568



4278232736

# Rectangle

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



4284715237



4291261627



4288320568



4282491750



# Sweetspot

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



4284715237



4292142079



4284736952



4284903296



4278190080



4286611584



# Same Dimension

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



4284715237



4283600639



4286014437



4284967795



4278206131



4278194739



# Inverse Universe

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



4293223312



4294922894



4292011363



4285753195



4289921086

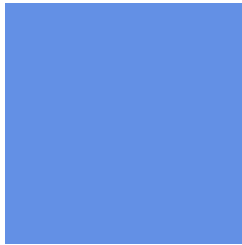


4281532434



# Previews

## White Background



This preview shows how the Android color 4284715237 looks on a white background.

## Color Contrast Check

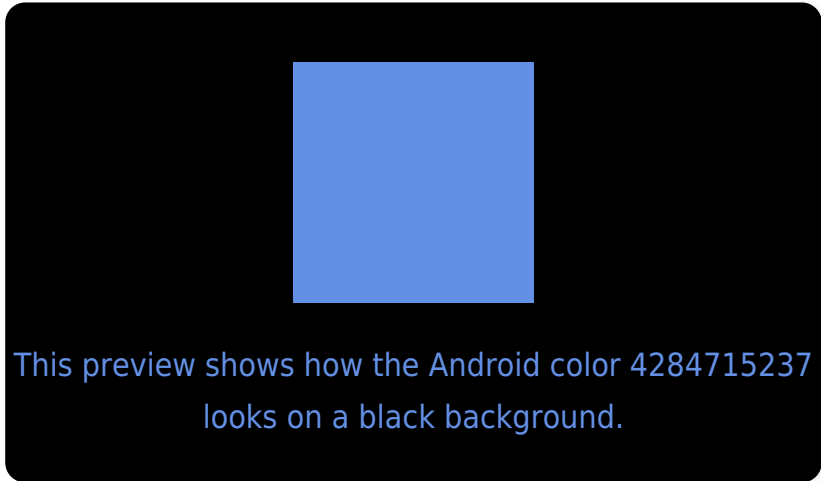
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284715237 Background



This preview shows how black text looks on a background with the Android color 4284715237.



This preview shows how white text looks on a background with the Android color 4284715237.

# 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



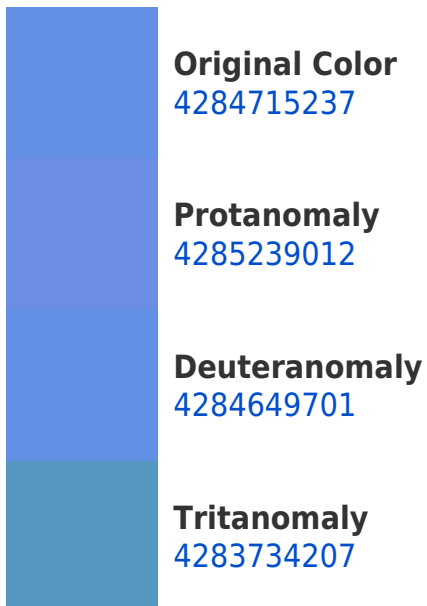
**Original Color**  
4284715237

**Protanopia**  
4285566435

**Deuteranopia**  
4284584165



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284715237 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(99, 144, 229)` looks like.

```
.text, #text, p{  
    color:rgb(99, 144, 229)  
}
```

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(99, 144, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 144, 229) }
```

## Border

The CSS property to change the border of an element to Android 4284715237 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(99, 144, 229) }
```

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

```
.border{ border-color:rgb(99, 144, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 144, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 144, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 144, 229);  
box-shadow:4px 4px 4px 4px rgb(99, 144,  
229) }
```

# Background

The CSS property to change the background color of an element to Android 4284715237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 144, 229) }
```

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

```
.background{ background-color: rgb(99, 144,  
229) }
```

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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