

# Converting Colors

Android(4283201777)

Have a look what the booklet for  
Android(4283201777) contains.

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# Color

**Android(4283201777)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C78F1
RGB	76, 120, 241
RGB Percent	30%, 47%, 95%
CMY	0.7020, 0.5294, 0.0549
CMYK	0.68, 0.50, 0.00, 0.05
HSL	224°, 85%, 62%
HSV	224°, 68%, 95%
XYZ	25.5741, 21.3203, 85.9864
YIQ	120.6380, -65.0650, 28.3030

# Conversions

## Conversions Part 2

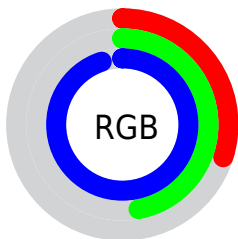
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 111, 241
Decimal	5011697
CIE <sub>Lab</sub>	53.30, 24.09, -65.38
CIE <sub>LCh</sub>	53, 69.682, 290.228
Yxy	21.3203, 0.1925, 0.1604
Android (android.graphics.Color)	4283201777 (0xFF4C78F1)
YUV	120.6380, 59.3385, -39.1475
Hunter-Lab	46.1739, 18.0606, -78.0898

# Details

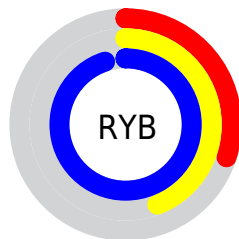
The Android color `4283201777` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle washed azure. A complement of this color would be `4294034764`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4287540479`, and `4278208696` is the 20% darker color. If you saturate the color by 10%, you get `4281624305`, and if you desaturate by 10%, it is `4284779249`.

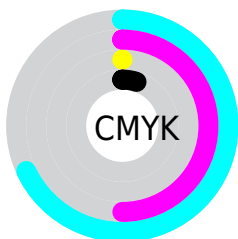
# Distribution



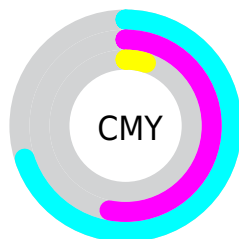
- Red (30%)
- Green (47%)
- Blue (95%)



- Red (30%)
- Yellow (44%)
- Blue (95%)



- Cyan (68%)
- Magenta (50%)
- Yellow (0%)
- Black (5%)



- Cyan (70%)
- Magenta (53%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283201777 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 4283201777 by changing the saturation by 10% instead.



 4283201777

 4283201777

4294967295


 4280312020

 4287540479

 4278208696

 4289513471

 4278203292

 4291552255

 4278198146

 4293591039

 4278192744

 4278192719

 4278191415

 4278190625

 4278190085

■ 4283201777

■ 4283201777

■ 4281624305

■ 4284779249

■ 4280047089

■ 4286356465

■ 4278469617

■ 4287933937

■ 4278206705

■ 4289511409

■ 4291154161

■ 4292731633

■ 4294309105

■ 4294967281

# Harmonies

## Analogous

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



4278226166



4283201777



4289944269

# Triad

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



4283201777



4292041505



4278229353

# Complementary

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



4283201777



4294034764

# 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.



4279472938



4283201777



4289361408

# Square

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



4283201777



4293345114



4285761792



4278229671

# Rectangle

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



4283201777



4292167081



4285761792



4278228820



# Sweetspot

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



4283201777



4291418367



4283232709



4284508288



4278190080



4286611584



# Same Dimension

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



4283201777



4281231103



4285746417



4285296504



4278202808



4278193976



# Inverse Universe

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



4294003832



4294913638



4291490124



4286082159



4290248753



4281860111



# Previews

## White Background



This preview shows how the Android color 4283201777 looks on a white background.

## Color Contrast Check

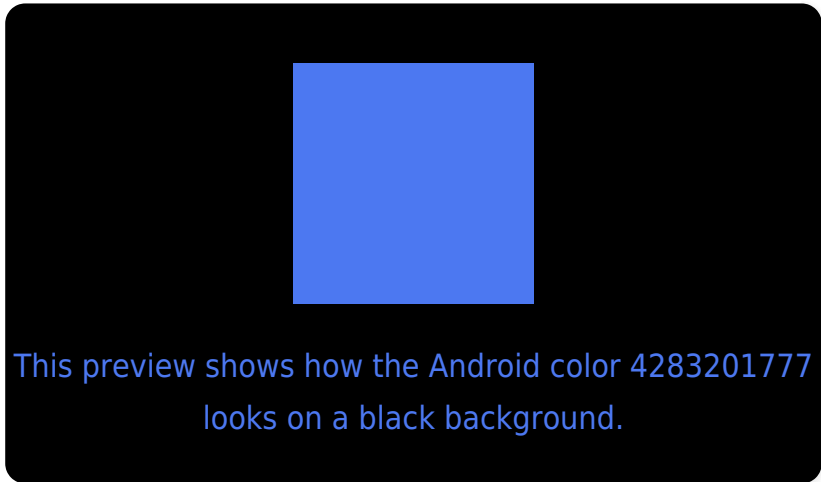
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283201777 Background



This preview shows how black text looks on a background with the Android color 4283201777.



This preview shows how white text looks on a background with the Android color 4283201777.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283201777 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(76, 120, 241)` looks like.

```
.text, #text, p{  
    color:rgb(76, 120, 241)  
}
```

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(76, 120, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 120, 241) }
```

## Border

The CSS property to change the border of an element to Android 4283201777 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(76, 120, 241) }
```

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

```
.border{ border-color:rgb(76, 120, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 120, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 120, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 120, 241);  
box-shadow:4px 4px 4px 4px rgb(76, 120,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4283201777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 120, 241) }
```

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

```
.background{ background-color: rgb(76, 120,  
241) }
```

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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