

# Converting Colors

Android(4283465676)

Have a look what the booklet for  
Android(4283465676) contains.

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# Color

**Android(4283465676)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 507FCC                      |
| RGB         | 80, 127, 204                |
| RGB Percent | 31%, 50%, 80%               |
| CMY         | 0.6863, 0.5020, 0.2000      |
| CMYK        | 0.61, 0.38, 0.00, 0.20      |
| HSL         | 217°, 55%, 56%              |
| HSV         | 217°, 61%, 80%              |
| XYZ         | 21.7967, 21.2439, 60.0784   |
| YIQ         | 121.7250, -52.7290, 13.9830 |

# Conversions

## Conversions Part 2

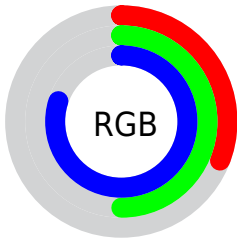
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 80, 114, 204                   |
| Decimal                             | 5275596                        |
| CIE Lab                             | 53.22, 7.70, -44.70            |
| CIE LCh                             | 53, 45.362, 279.779            |
| Yxy                                 | 21.2439, 0.2114,<br>0.2060     |
| Android<br>(android.graphics.Color) | 4283465676<br>(0xFF507FCC)     |
| YUV                                 | 121.7250, 40.5616,<br>-36.5928 |
| Hunter-Lab                          | 46.0911, 3.7543,<br>-45.0191   |

# Details

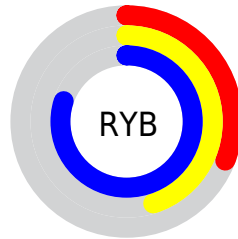
The Android color `4283465676` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4291599696`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4287345663`, and `4278210453` is the 20% darker color. If you saturate the color by 10%, you get `4282151628`, and if you desaturate by 10%, it is `4284779724`.

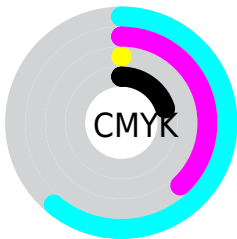
# Distribution



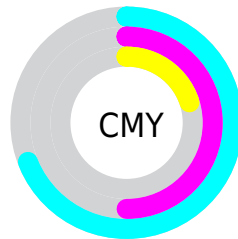
- Red (31%)
- Green (50%)
- Blue (80%)



- Red (31%)
- Yellow (45%)
- Blue (80%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (50%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283465676 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 4283465676 by changing the saturation by 10% instead.



 4283465676

 4283465676

4294967295

 4281296560

 4287345663

 4278210453

 4289253375

 4278204539

 4291161087

 4278199394

 4293066751

 4278193737

 4278191154

 4278190620

 4278190080

 4283465676

 4283465676

■ 4282151628

■ 4284779724

■ 4280772300

■ 4286159052

■ 4279458252

■ 4287473100

■ 4278209996

■ 4288852684

■ 4290166476

■ 4291480524

■ 4292860108

■ 4294173900

■ 4294963660

# Harmonies

## Analogous

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



4278225608



4283465676



4287787195

# Triad

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



4283465676



4290864463



4279931235

# Complementary

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



4283465676



4291599696

# 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.



4284451648



4283465676



4289426228

# Square

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



4283465676



4291255668



4287201582



4278227851

# Rectangle

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



4283465676



4289684903



4287201582



4281962326



# Sweetspot

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



4283465676



4291945215



4283485340



4284706432



4278190080



4286611584



# Same Dimension

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



4283465676



4282747903



4284371148



4284244070



4278206374



4278193702



# Inverse Universe

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



4291580031



4294919563



4290694224



4284898400



4289069119

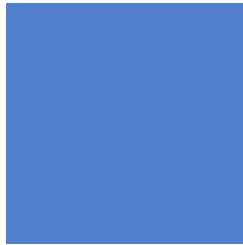


4280680462



# Previews

## White Background



This preview shows how the Android color 4283465676 looks on a white background.

## Color Contrast Check

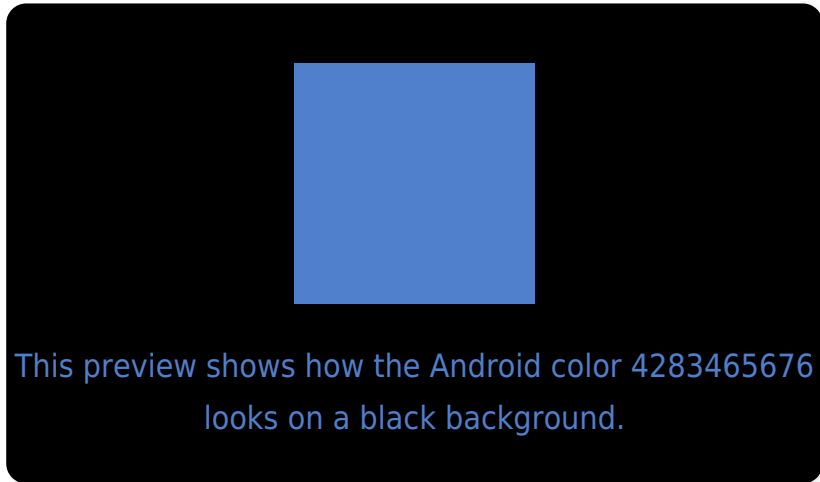
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283465676 Background



This preview shows how black text looks on a background with the Android color 4283465676.



This preview shows how white text looks on a background with the Android color 4283465676.

# 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**  
4283465676

**Protanopia**  
4284579017

**Deuteranopia**  
4283531212



# Trichromacy



**Original Color**

4283465676

**Protanomaly**

4284186058

**Deuteranomaly**

4283531212

**Tritanomaly**

4282418858

# Monochromacy



**Original Color**

4283465676

**Achromatopsia**

4286216826

**Achromatomaly**

4285234328

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283465676 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(80, 127, 204)` looks like.

```
.text, #text, p{  
    color:rgb(80, 127, 204)  
}
```

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(80, 127, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 127, 204) }
```

## Border

The CSS property to change the border of an element to Android 4283465676 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(80, 127, 204) }
```

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

```
.border{ border-color:rgb(80, 127, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 127, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 127, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 127, 204);  
box-shadow:4px 4px 4px 4px rgb(80, 127,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4283465676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 127, 204) }
```

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

```
.background{ background-color: rgb(80, 127,  
204) }
```

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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