

# Converting Colors

Android(4285508569)

Have a look what the booklet for  
Android(4285508569) contains.

|  |    |
|--|----|
| <b>Android(4285508569)</b> .....               | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Android(4285508569)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 6FABD9                     |
| RGB         | 111, 171, 217              |
| RGB Percent | 44%, 67%, 85%              |
| CMY         | 0.5647, 0.3294, 0.1490     |
| CMYK        | 0.49, 0.21, 0.00, 0.15     |
| HSL         | 206°, 58%, 64%             |
| HSV         | 206°, 49%, 85%             |
| XYZ         | 33.6428, 37.5151, 71.1136  |
| YIQ         | 158.3040, -50.5260, 1.5860 |

# Conversions

## Conversions Part 2

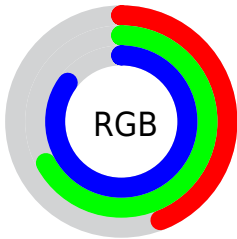
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 111, 149, 217                  |
| Decimal                             | 7318489                        |
| CIE Lab                             | 67.66, -6.92, -29.28           |
| CIE LCh                             | 68, 30.087, 256.699            |
| Yxy                                 | 37.5151, 0.2365,<br>0.2637     |
| Android<br>(android.graphics.Color) | 4285508569<br>(0xFF6FABD9)     |
| YUV                                 | 158.3040, 28.9371,<br>-41.4856 |
| Hunter-Lab                          | 61.2496, -9.1412,<br>-25.9638  |

# Details

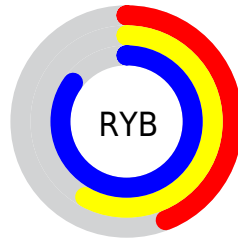
The Android color `4285508569` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292451695`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4289258239`, and `4281694114` is the 20% darker color. If you saturate the color by 10%, you get `4284064473`, and if you desaturate by 10%, it is `4286952665`.

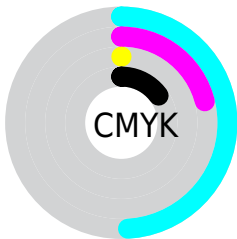
# Distribution



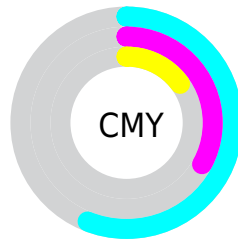
- Red (44%)
- Green (67%)
- Blue (85%)



- Red (44%)
- Yellow (58%)
- Blue (85%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (33%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285508569 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 4285508569 by changing the saturation by 10% instead.



 4285508569


 4285508569

4294967295

 4283666877

 4289258239

 4281694114

 4291100671

 4279000712

 4293066751

 4278208366

 4278202709

 4278197310

 4278190888

 4278190354

 4278190080

■ 4285508569

■ 4285508569

■ 4284064473

■ 4286952665

■ 4282685657

■ 4288331481

■ 4281241561

■ 4289775577

■ 4279797209

■ 4291219929

■ 4278418649

■ 4292664025

■ 4278221785

■ 4294042841

■ 4294962649

■ 4294964953

■ 4294967257

# Harmonies

## Analogous

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



4283478475



4285508569



4288193241

# Triad

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



4285508569



4292579734



4287278975

# Complementary

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



4285508569



4292451695

# 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.



4289243248



4285508569



4292187774

# Square

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



4285508569



4292055730



4291010416



4285182871

# Rectangle

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



4285508569



4289764560



4291010416



4287933817

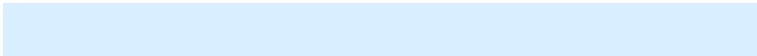


# Sweetspot

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



4285508569



4292472575



4285520285



4285101696



4278190080



4286611584

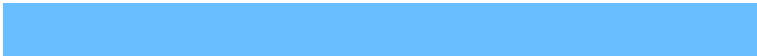


# Same Dimension

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



4285508569



4285120255



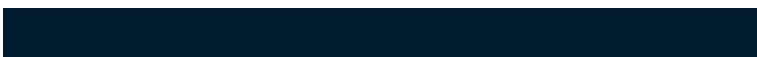
4285495001



4284705134



4278215341



4278196782



# Inverse Universe

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



4292439979



4294928830



4292465263



4285424489



4289527906



4281204762



# Previews

## White Background



This preview shows how the Android color 4285508569 looks on a white background.

## Color Contrast Check

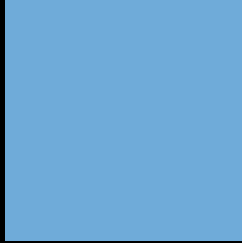
Large Text (above 18pt) WCAG AA × Fail

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 4285508569 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285508569 Background



This preview shows how black text looks on a background with the Android color 4285508569.



This preview shows how white text looks on a background with the Android color 4285508569.

# 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**  
4285508569

**Protanopia**  
4288193235

**Deuteranopia**  
4288062171



# Trichromacy



**Original Color**  
4285508569

**Protanomaly**  
4287210965

**Deuteranomaly**  
4287145434

**Tritanomaly**  
4285116104

# Monochromacy



**Original Color**  
4285508569

**Achromatopsia**  
4288585374

**Achromatomaly**  
4287472563

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285508569 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(111, 171, 217)` looks like.

```
.text, #text, p{  
    color:rgb(111, 171, 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(111, 171, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 171, 217) }
```

## Border

The CSS property to change the border of an element to Android 4285508569 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(111, 171, 217) }
```

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

```
.border{ border-color:rgb(111, 171, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 171, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 171, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 171, 217);  
box-shadow:4px 4px 4px 4px rgb(111, 171,  
217) }
```

# Background

The CSS property to change the background color of an element to Android 4285508569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 171, 217) }
```

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

```
.background{ background-color: rgb(111,  
171, 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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor