

# Converting Colors

Android(4283865840)

Have a look what the booklet for  
Android(4283865840) contains.

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# **Color**

**Android(4283865840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	569AF0
RGB	86, 154, 240
RGB Percent	34%, 60%, 94%
CMY	0.6627, 0.3961, 0.0588
CMYK	0.64, 0.36, 0.00, 0.06
HSL	214°, 84%, 64%
HSV	214°, 64%, 94%
XYZ	31.1215, 31.3809, 86.8549
YIQ	143.4720, -68.1340, 12.3300

# Conversions

## Conversions Part 2

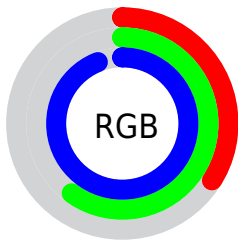
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 133, 240
Decimal	5675760
CIE Lab	62.83, 4.85, -49.57
CIE LCh	63, 49.811, 275.585
Yxy	31.3809, 0.2084, 0.2101
Android (android.graphics.Color)	4283865840 (0xFF569AF0)
YUV	143.4720, 47.5883, -50.4029
Hunter-Lab	56.0187, 1.1342, -52.7139

# Details

The Android color `4283865840` is a light color, and the websafe version is hex `3399FF`. The color can be described as light muted azure. A complement of this color would be `4293962838`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4287942911`, and `4278216631` is the 20% darker color. If you saturate the color by 10%, you get `4282289648`, and if you desaturate by 10%, it is `4285442032`.

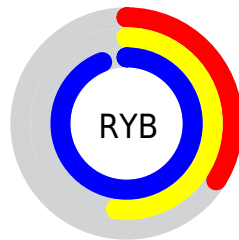
# Distribution



Red (34%)

Green (60%)

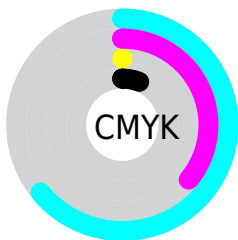
Blue (94%)



Red (34%)

Yellow (52%)

Blue (94%)

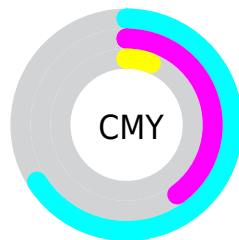


Cyan (64%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (66%)

Magenta (40%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283865840 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 4283865840 by changing the saturation by 10% instead.



 4283865840

 4283865840

4294967295

 4281434323

 4287942911

 4278216631

 4289916159

 4278210716

 4291952639

 4278205058

 4293918719

 4278199656

 4278193999

 4278191416

 4278190625

 4278190087

■ 4283865840

■ 4283865840

■ 4282289648

■ 4285442032

■ 4280713200

■ 4287018480

■ 4279137008

■ 4288594672

■ 4278217456

■ 4290171120

■ 4291747312

■ 4293323504

■ 4294899952

■ 4294967280

# Harmonies

## Analogous

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



4278232808



4283865840



4289104352

# Triad

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



4283865840



4293294439



4282035058

# Complementary

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



4283865840



4293962838

# 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.



4286293069



4283865840



4291725383

# Square

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



4283865840



4293554577



4289370172



4278234783

# Rectangle

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



4283865840



4291329483



4289370172



4283738724

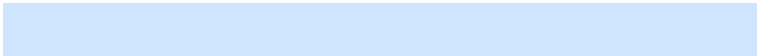


# Sweetspot

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



4283865840



4291814655



4283887787



4284641152



4278190080



4286611584



# Same Dimension

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



4283865840



4282094079



4284372720



4285297016



4278211000



4278196536



# Inverse Universe

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



4293940890



4294917009



4293455958



4286082161



4290248785

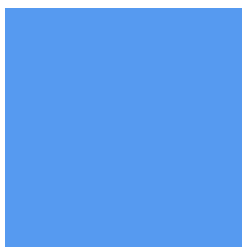


4281860121



# Previews

## White Background



This preview shows how the Android color 4283865840 looks on a white background.

## Color Contrast Check

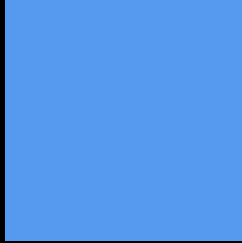
Large Text (above 18pt) WCAG AA × Fail

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 4283865840 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

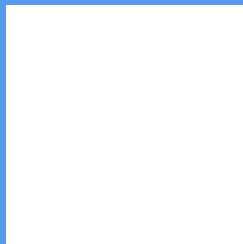
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283865840 Background



This preview shows how black text looks on a background with the Android color 4283865840.



This preview shows how white text looks on a background with the Android color 4283865840.

# 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 4283865840 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(86, 154, 240)` looks like.

```
.text, #text, p{  
    color:rgb(86, 154, 240)  
}
```

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(86, 154, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 154, 240) }
```

## Border

The CSS property to change the border of an element to Android 4283865840 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(86, 154, 240) }
```

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

```
.border{ border-color:rgb(86, 154, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 154, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 154, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 154, 240);  
box-shadow:4px 4px 4px 4px rgb(86, 154,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4283865840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 154, 240) }
```

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

```
.background{ background-color: rgb(86, 154,  
240) }
```

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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