

# Converting Colors

Android(4283475435)

Have a look what the booklet for  
Android(4283475435) contains.

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# **Color**

**Android(4283475435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50A5EB
RGB	80, 165, 235
RGB Percent	31%, 65%, 92%
CMY	0.6863, 0.3529, 0.0784
CMYK	0.66, 0.30, 0.00, 0.08
HSL	207°, 79%, 62%
HSV	207°, 66%, 92%
XYZ	31.7588, 34.6139, 83.6045
YIQ	147.5650, -73.1300, 3.7500

# Conversions

## Conversions Part 2

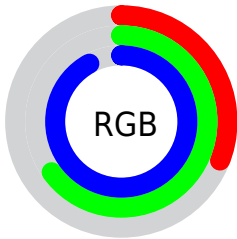
Format	Color
R <sub>Y</sub> B	80, 135, 235
Decimal	5285355
CIE Lab	65.45, -4.11, -42.72
CIE LCh	65, 42.912, 264.511
Yxy	34.6139, 0.2118, 0.2308
Android (android.graphics.Color)	4283475435 (0xFF50A5EB)
YUV	147.5650, 43.1055, -59.2545
Hunter-Lab	58.8336, -6.6032, -43.0696

# Details

The Android color `4283475435` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4293629520`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287618303`, and `4278219443` is the 20% darker color. If you saturate the color by 10%, you get `4281899755`, and if you desaturate by 10%, it is `4285051115`.

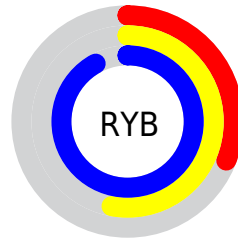
# Distribution



Red (31%)

Green (65%)

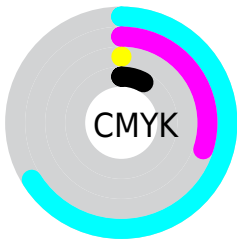
Blue (92%)



Red (31%)

Yellow (53%)

Blue (92%)

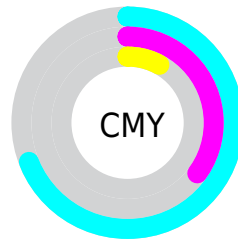


Cyan (66%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (35%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283475435 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 4283475435 by changing the saturation by 10% instead.



 4283475435

 4283475435

4294967295


 4280912847

 4287618303

 4278219443

 4289591551

 4278213016

 4291624959

 4278207102

 4293591039

 4278201700

 4278196556

 4278191413

 4278190622

 4278190081

■ 4283475435

■ 4283475435

■ 4281899755

■ 4285051115

■ 4280389867

■ 4286561003

■ 4278879723

■ 4288071147

■ 4278223339

■ 4289646571

■ 4291222251

■ 4292732395

■ 4294242283

■ 4294965995

■ 4294967275

# Harmonies

## Analogous

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



4278234845



4283475435



4288190693

# Triad

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



4283475435



4293427841



4285116017

# Complementary

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



4283475435



4293629520

# 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.



4288128599



4283475435



4292513121

# Square

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



4283475435



4293099688



4290615889



4280660630

# Rectangle

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



4283475435



4290416342



4290615889



4286164070

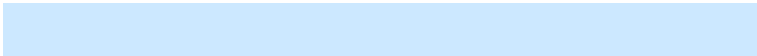


# Sweetspot

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



4283475435



4291619071



4283493270



4284576384



4278190080



4286611584



# Same Dimension

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



4283475435



4281771263



4283455723



4285165685



4278215605



4278197558



# Inverse Universe

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



4293611685



4294915748



4293649232



4285885040



4290052195

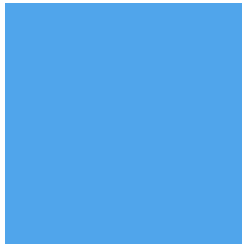


4281729053



# Previews

## White Background



This preview shows how the Android color 4283475435 looks on a white background.

## Color Contrast Check

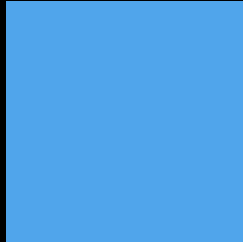
Large Text (above 18pt) WCAG AA × Fail

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 4283475435 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 4283475435 Background



This preview shows how black text looks on a background with the Android color 4283475435.



This preview shows how white text looks on a background with the Android color 4283475435.

# 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



**Original Color**  
4283475435

**Protanomaly**  
4285767654

**Deuteranomaly**  
4285243628

**Tritanomaly**  
4282297293

# Monochromacy



**Original Color**  
4283475435

**Achromatopsia**  
4287927444

**Achromatomaly**  
4286290612

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283475435 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, 165, 235)` looks like.

```
.text, #text, p{  
    color:rgb(80, 165, 235)  
}
```

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, 165, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 165, 235) }
```

## Border

The CSS property to change the border of an element to Android 4283475435 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, 165, 235) }
```

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

```
.border{ border-color:rgb(80, 165, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 165, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 165, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 165, 235);  
box-shadow:4px 4px 4px 4px rgb(80, 165,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4283475435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 165, 235) }
```

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

```
.background{ background-color: rgb(80, 165,  
235) }
```

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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