

# Converting Colors

Android(4284002273)

Have a look what the booklet for  
Android(4284002273) contains.

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# **Color**

**Android(4284002273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58AFE1
RGB	88, 175, 225
RGB Percent	35%, 69%, 88%
CMY	0.6549, 0.3137, 0.1176
CMYK	0.61, 0.22, 0.00, 0.12
HSL	202°, 70%, 61%
HSV	202°, 61%, 88%
XYZ	32.9451, 38.1709, 76.8655
YIQ	154.6870, -67.9020, -2.8940

# Conversions

## Conversions Part 2

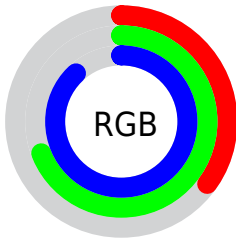
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 141, 225
Decimal	5812193
CIE Lab	68.15, -11.47, -33.00
CIE LCh	68, 34.940, 250.830
Yxy	38.1709, 0.2226, 0.2579
Android (android.graphics.Color)	4284002273 (0xFF58AFE1)
YUV	154.6870, 34.6643, -58.4845
Hunter-Lab	61.7826, -12.9358, -30.5166

# Details

The Android color `4284002273` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4292971096`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4287948543`, and `4278221738` is the 20% darker color. If you saturate the color by 10%, you get `4282558433`, and if you desaturate by 10%, it is `4285446113`.

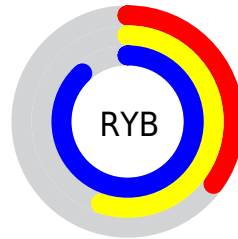
# Distribution



Red (35%)

Green (69%)

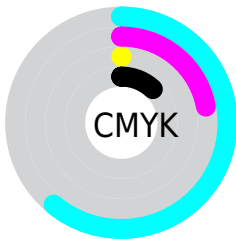
Blue (88%)



Red (35%)

Yellow (55%)

Blue (88%)

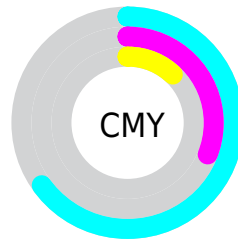


Cyan (61%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (31%)

Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4284002273 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 4284002273 by changing the saturation by 10% instead.



 4284002273

 4284002273

4294967295

 4281767109

 4287948543

 4278221738

 4289921023

 4278215311

 4291887103

 4278209141

 4293853183

 4278203484

 4278198084

 4278191150

 4278190360

 4278190080

 4284002273

 4284002273

 4282558433

 4285446113

 4281049057

 4286955489

 4279604961

 4288399585

 4278226913

 4289908961

 4291418337

 4292862177

 4294371553

 4294963681

 4294965729

# Harmonies

## Analogous

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



4281316814



4284002273



4287407588

# Triad

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



4284002273



4293168796



4287475829

# Complementary

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



4284002273



4292971096

# 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.



4289767527



4284002273



4292842366

# Square

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



4284002273



4292317628



4291665259



4284987024

# Rectangle

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



4284002273



4289437404



4291665259



4288261743

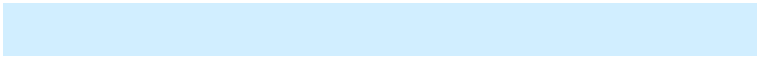


# Sweetspot

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



4284002273



4291948287



4284014984



4284708224



4278190080



4286611584



# Same Dimension

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



4284002273



4282760191



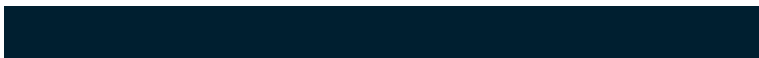
4283985377



4284836976



4278218928



4278198064



# Inverse Universe

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



4292958383



4294919611



4292987992



4285556076



4289724528



4281335839



# Previews

## White Background



This preview shows how the Android color 4284002273 looks on a white background.

## Color Contrast Check

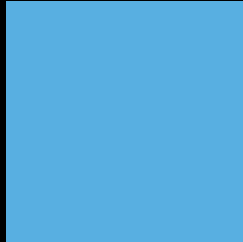
Large Text (above 18pt) WCAG AA × Fail

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 4284002273 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 4284002273 Background



This preview shows how black text looks on a background with the Android color 4284002273.

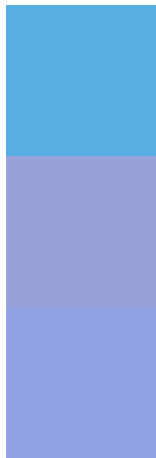


This preview shows how white text looks on a background with the Android color 4284002273.

# 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**  
4284002273

**Protanopia**  
4288127960

**Deuteranopia**  
4287734756



# Trichromacy



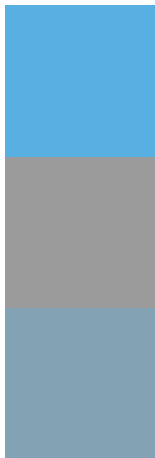
**Original Color**  
4284002273

**Protanomaly**  
4286621659

**Deuteranomaly**  
4286359523

**Tritanomaly**  
4283413198

# Monochromacy



**Original Color**  
4284002273

**Achromatopsia**  
4288387995

**Achromatomaly**  
4286816948

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284002273 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(88, 175, 225)` looks like.

```
.text, #text, p{  
    color:rgb(88, 175, 225)  
}
```

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(88, 175, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 175, 225) }
```

## Border

The CSS property to change the border of an element to Android 4284002273 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(88, 175, 225) }
```

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

```
.border{ border-color:rgb(88, 175, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 175, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 175, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 175, 225);  
box-shadow:4px 4px 4px 4px rgb(88, 175,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4284002273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 175, 225) }
```

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

```
.background{ background-color: rgb(88, 175,  
225) }
```

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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