

# Converting Colors

Android(4284003542)

Have a look what the booklet for  
Android(4284003542) contains.

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# **Color**

**Android(4284003542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58B4D6
RGB	88, 180, 214
RGB Percent	35%, 71%, 84%
CMY	0.6549, 0.2941, 0.1608
CMYK	0.59, 0.16, 0.00, 0.16
HSL	196°, 61%, 59%
HSV	196°, 59%, 84%
XYZ	32.4834, 39.5723, 69.5445
YIQ	156.3680, -65.7460, -8.9300

# Conversions

## Conversions Part 2

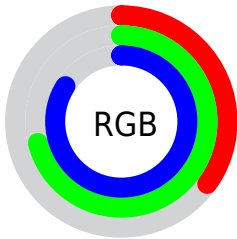
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 141, 214
Decimal	5813462
CIE <sub>Lab</sub>	69.16, -17.51, -25.40
CIE <sub>LCh</sub>	69, 30.853, 235.428
Yxy	39.5723, 0.2294, 0.2795
Android (android.graphics.Color)	4284003542 (0xFF58B4D6)
YUV	156.3680, 28.4126, -59.9587
Hunter-Lab	62.9065, -17.9134, -21.5118

# Details

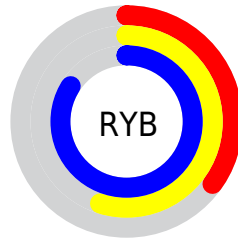
The Android color `4284003542` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light muted azure. A complement of this color would be `4292246104`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4287950079`, and `4278288287` is the 20% darker color. If you saturate the color by 10%, you get `4282625750`, and if you desaturate by 10%, it is `4285381334`.

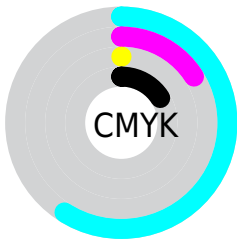
# Distribution



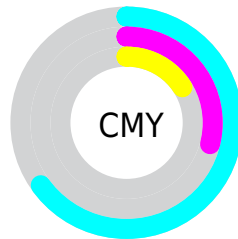
- Red (35%)
- Green (71%)
- Blue (84%)



- Red (35%)
- Yellow (55%)
- Blue (84%)



- Cyan (59%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (29%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284003542 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 4284003542 by changing the saturation by 10% instead.



 4284003542

 4284003542

4294967295

 4281833914

 4287950079

 4278288287

 4289855487

 4278216325

 4291821567

 4278210156

 4293787647

 4278204243

 4278198844

 4278190886

 4278190351

 4278190080

■ 4284003542

■ 4284003542

■ 4282625750

■ 4285381334

■ 4281182422

■ 4286824662

■ 4279804886

■ 4288202198

■ 4278361558

■ 4289645526

■ 4278230230

■ 4291023318

■ 4292401110

■ 4293844182

■ 4294959830

■ 4294961366

# Harmonies

## Analogous

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



4283283648



4284003542



4286426592

# Triad

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



4284003542



4292646062



4288982646

# Complementary

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



4284003542



4292246104

# 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.



4290815601



4284003542



4292908434

# Square

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



4284003542



4291336905



4292254844



4286821768

# Rectangle

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



4284003542



4288260062



4292254844



4289637490

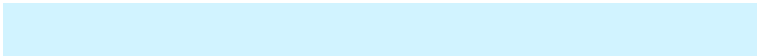


# Sweetspot

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



4284003542



4291949567



4284012154



4284708992



4278190080



4286611584



# Same Dimension

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



4284003542



4283092735



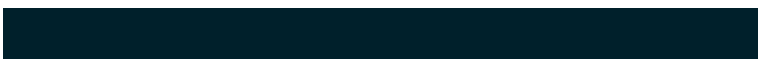
4283987414



4284508267



4278222251



4278198315



# Inverse Universe

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



4292237492



4294920910



4292262232



4285227112



4289396861



4281008160



# Previews

## White Background



This preview shows how the Android color 4284003542 looks on a white background.

## Color Contrast Check

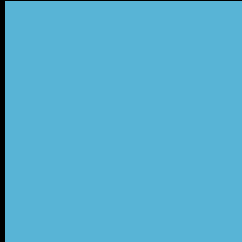
Large Text (above 18pt) WCAG AA × Fail

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 4284003542 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 4284003542 Background



This preview shows how black text looks on a background with the Android color 4284003542.

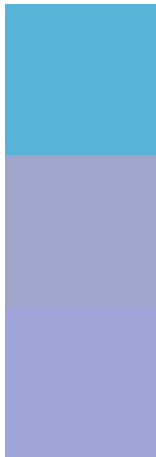


This preview shows how white text looks on a background with the Android color 4284003542.

# 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**  
4284003542

**Protanopia**  
4288653004

**Deuteranopia**  
4288587225



# Trichromacy



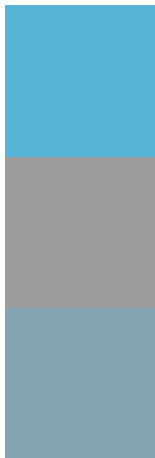
**Original Color**  
4284003542

**Protanomaly**  
4286950352

**Deuteranomaly**  
4286950104

**Tritanomaly**  
4283741900

# Monochromacy



**Original Color**  
4284003542

**Achromatopsia**  
4288453788

**Achromatomaly**  
4286817713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284003542 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, 180, 214)` looks like.

```
.text, #text, p{  
    color:rgb(88, 180, 214)  
}
```

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, 180, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 180, 214) }
```

## Border

The CSS property to change the border of an element to Android 4284003542 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, 180, 214) }
```

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

```
.border{ border-color:rgb(88, 180, 214) }
```

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

Here you see how a box with a 4 pixel rgb(88, 180, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 180, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 180, 214);  
box-shadow:4px 4px 4px 4px rgb(88, 180,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4284003542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 180, 214) }
```

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

```
.background{ background-color: rgb(88, 180,  
214) }
```

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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