

# Converting Colors

Android(4281702598)

Have a look what the booklet for  
Android(4281702598) contains.

<b>Android(4281702598)</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(4281702598)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3598C6
RGB	53, 152, 198
RGB Percent	21%, 60%, 78%
CMY	0.7922, 0.4039, 0.2235
CMYK	0.73, 0.23, 0.00, 0.22
HSL	199°, 58%, 49%
HSV	199°, 73%, 78%
XYZ	22.8895, 27.2906, 57.4873
YIQ	127.6430, -73.7700, -6.6820

# Conversions

## Conversions Part 2

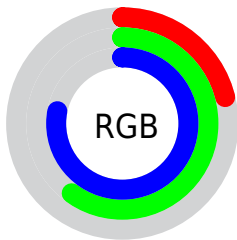
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 112, 198
Decimal	3512518
CIE <sub>Lab</sub>	59.24, -13.24, -31.92
CIE <sub>LCh</sub>	59, 34.557, 247.467
Yxy	27.2906, 0.2126, 0.2535
Android (android.graphics.Color)	4281702598 (0xFF3598C6)
YUV	127.6430, 34.6860, -65.4619
Hunter-Lab	52.2404, -13.2097, -28.6767

# Details

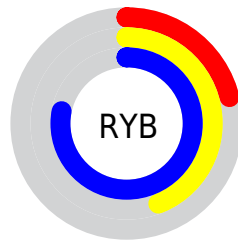
The Android color `4281702598` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `4291191605`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285976319`, and `4278216080` is the 20% darker color. If you saturate the color by 10%, you get `4280390342`, and if you desaturate by 10%, it is `4283014854`.

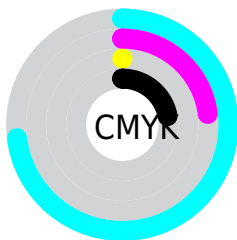
# Distribution



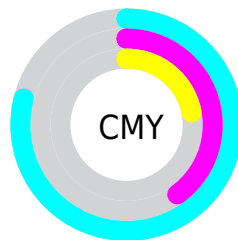
- Red (21%)
- Green (60%)
- Blue (78%)



- Red (21%)
- Yellow (44%)
- Blue (78%)



- Cyan (73%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)




- Cyan (79%)
- Magenta (40%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281702598 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 4281702598 by changing the saturation by 10% instead.



 4281702598

 4281702598

4294967295

 4278222507

 4285976319

 4278216080

 4287949567

 4278209910

 4289921023

 4278203997

 4291887103


 4278198597

 4293853183

 4278191151

 4278190361

 4278190080

 4281702598

 4281702598

■ 4280390342

■ 4283014854

■ 4279077830

■ 4284327366

■ 4278224838

■ 4285574086

■ 4286886342

■ 4288198598

■ 4289511110

■ 4290823366

■ 4292070086

■ 4293382598

# Harmonies

## Analogous

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



4278230451



4281702598



4285435850

# Triad

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



4281702598



4291393416



4286224477

# Complementary

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



4281702598



4291191605

# 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.



4288384850



4281702598



4291197803

# Square

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



4281702598



4290476711



4290086231



4283735414

# Rectangle

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



4281702598



4287531204



4290086231



4287010136

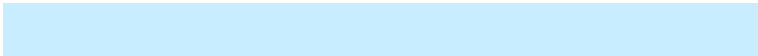


# Sweetspot

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



4281702598



4291292671



4281714275



4284380544



4278190080



4286611584



# Same Dimension

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



4281702598



4280269055



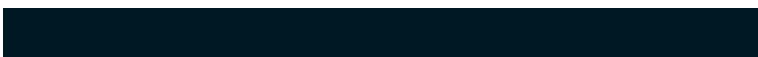
4281684166



4284112995



4278218659



4278196260



# Inverse Universe

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



4291179928



4294909880



4291210037



4284701280



4288872559



4280549400



# Previews

## White Background



This preview shows how the Android color 4281702598 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281702598 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 × Fail

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



# Android 4281702598 Background



This preview shows how black text looks on a background with the Android color 4281702598.



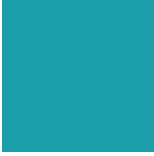
This preview shows how white text looks on a background with the Android color 4281702598.

# 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**  
4281702598

**Protanomaly**  
4284846272

**Deuteranomaly**  
4284518600

**Tritanomaly**  
4280654772

# Monochromacy



**Original Color**  
4281702598

**Achromatopsia**  
4286611584

**Achromatomaly**  
4284844441

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281702598 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(53, 152, 198)` looks like.

```
.text, #text, p{  
    color:rgb(53, 152, 198)  
}
```

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(53, 152, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 152, 198) }
```

## Border

The CSS property to change the border of an element to Android 4281702598 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(53, 152, 198) }
```

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

```
.border{ border-color:rgb(53, 152, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 152, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 152, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 152, 198);  
box-shadow:4px 4px 4px 4px rgb(53, 152,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4281702598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 152, 198) }
```

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

```
.background{ background-color: rgb(53, 152,  
198) }
```

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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