

# Converting Colors

Android(4278301908)

Have a look what the booklet for  
Android(4278301908) contains.

<b>Android(4278301908)</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(4278301908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01B4D4
RGB	1, 180, 212
RGB Percent	0%, 71%, 83%
CMY	0.9961, 0.2941, 0.1686
CMYK	1.00, 0.15, 0.00, 0.17
HSL	189°, 99%, 42%
HSV	189°, 100%, 83%
XYZ	28.2174, 37.4024, 68.0195
YIQ	130.1270, -116.9560, -27.9960

# Conversions

## Conversions Part 2

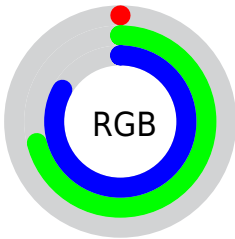
Format	Color
<a href="#">RYB</a>	<a href="#">1, 98, 212</a>
Decimal	<a href="#">111828</a>
CIELab	<a href="#">67.58, -26.70, -26.87</a>
CIELCh	<a href="#">68, 37.879, 225.185</a>
Yxy	<a href="#">37.4024, 0.2111, 0.2799</a>
Android (android.graphics.Color)	<a href="#">4278301908 (0xFF01B4D4)</a>
YUV	<a href="#">130.1270, 40.3634, -113.2444</a>
Hunter-Lab	<a href="#">61.1575, -24.6677, -23.1322</a>

# Details

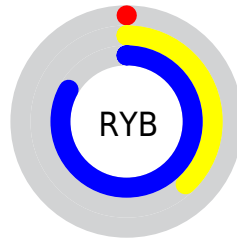
The Android color **4278301908** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **4292092161**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4285066495**, and **4278222749** is the 20% darker color. If you saturate the color by 10%, you get **4278236372**, and if you desaturate by 10%, it is **4279678932**.

# Distribution



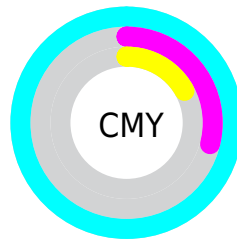
- Red (0%)
- Green (71%)
- Blue (83%)



- Red (0%)
- Yellow (38%)
- Blue (83%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (17%)



















- Cyan (100%)
- Magenta (29%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278301908 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 4278301908 by changing the saturation by 10% instead.



 4278301908	 4278301908
4294967295	 4278229432
 4285066495	 4278222749
 4287234047	 4278216323
 4289331199	 4278209898
 4291362815	 4278203986
 4293394431	 4278198842
	 4278190629
	 4278190349
	 4278190080

■ 4278301908

■ 4278301908

■ 4278236372

■ 4279678932

■ 4281055956

■ 4282498772

■ 4283875796

■ 4285252820

■ 4286629844

■ 4288007124

■ 4289449684

■ 4290826708

# Harmonies

## Analogous

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



4280203189



4278301908



4283674086

# Triad

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



4278301908



4292644023



4289374306

# Complementary

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



4278301908



4292092161

# 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.



4291468643



4278301908



4293364372

# Square

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



4278301908



4290680277



4292907382



4286820723

# Rectangle

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



4278301908



4286359272



4292907382



4290094176

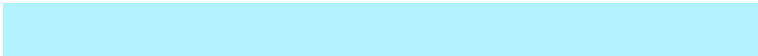


# Sweetspot

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



4278301908



4289983487



4278309921



4283595136



4278190080



4286611584

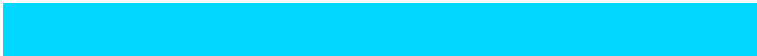


# Same Dimension

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



4278301908



4278245631



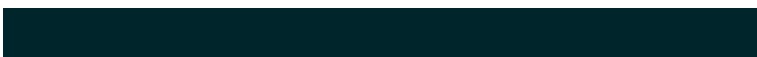
4278275028



4284508523



4278227371



4278199595



# Inverse Universe

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



4292084148



4294901976



4292119041



4285227113



4289396881



4281008165



# Previews

## White Background



This preview shows how the Android color 4278301908 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 4278301908 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

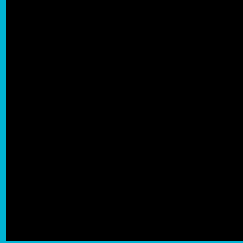
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278301908 Background



This preview shows how black text looks on a background with the Android color 4278301908.



This preview shows how white text looks on a background with the Android color 4278301908.

# 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**  
4278301908



**Protanomaly**  
4284721612



**Deuteranomaly**  
4284524759



**Tritanomaly**  
4278236618

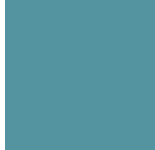
# Monochromacy



**Original Color**  
4278301908



**Achromatopsia**  
4286743170



**Achromatomaly**  
4283667616

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278301908 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(1, 180, 212)` looks like.

```
.text, #text, p{  
    color:rgb(1, 180, 212)  
}
```

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(1, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 180, 212) }
```

## Border

The CSS property to change the border of an element to Android 4278301908 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(1, 180, 212) }
```

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

```
.border{ border-color:rgb(1, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(1, 180,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4278301908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 180, 212) }
```

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

```
.background{ background-color: rgb(1, 180,  
212) }
```

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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