

# Converting Colors

Android(4278577898)

Have a look what the booklet for  
Android(4278577898) contains.

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**Color**

**Android(4278577898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05EAEA
RGB	5, 234, 234
RGB Percent	2%, 92%, 92%
CMY	0.9804, 0.0824, 0.0824
CMYK	0.98, 0.00, 0.00, 0.08
HSL	180°, 96%, 47%
HSV	180°, 98%, 92%
XYZ	44.3367, 64.8184, 88.0163
YIQ	165.5290, -136.4840, -48.5480

# Conversions

## Conversions Part 2

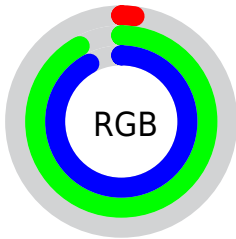
Format	Color
<a href="#">RYB</a>	5, 120, 234
Decimal	387818
CIELab	84.39, -44.94, -13.22
CIELCh	84, 46.847, 196.393
Yxy	64.8184, 0.2249, 0.3287
Android (android.graphics.Color)	4278577898 (0xFF05EAEA)
YUV	165.5290, 33.7562, -140.7839
Hunter-Lab	80.5099, -42.5926, -8.4611

# Details

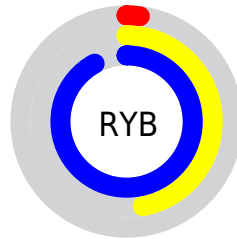
The Android color **4278577898** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **4293526789**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4285857791**, and **4278235570** is the 20% darker color. If you saturate the color by 10%, you get **4278250218**, and if you desaturate by 10%, it is **4280085226**.

# Distribution



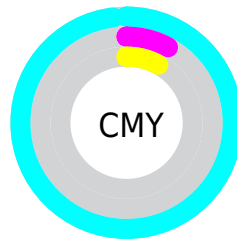
- Red (2%)
- Green (92%)
- Blue (92%)



- Red (2%)
- Yellow (47%)
- Blue (92%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (98%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278577898 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 4278577898 by changing the saturation by 10% instead.



 4278577898

 4278577898

4294967295

 4278242766

 4285857791

 4278235570

 4288151551

 4278228632

 4290314239

 4278221950

 4292411391

 4278215269

 4294508543

 4278208845

 4278202678

 4278196513

 4278190089

■ 4278577898

■ 4278577898

■ 4278250218

■ 4280085226

■ 4281658090

■ 4283165418

■ 4284738282

■ 4286245610

■ 4287752938

■ 4289325802

■ 4290833130

■ 4292405994

# Harmonies

## Analogous

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



4285196732



4278577898



4278249215

# Triad

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



4278577898



4294360831



4294953341

# Complementary

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



4278577898



4293526789

# 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.



4294949524



4278577898



4294947561

# Square

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



4278577898



4290367487



4294947004



4292335740

# Rectangle

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



4278577898



4283032063



4294947004



4294952066

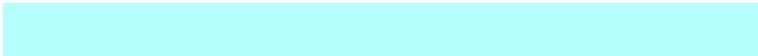


# Sweetspot

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



4278577898



4290117631



4278577669



4283662464



4278190080



4286611584



# Same Dimension

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



4278577898



4278255615



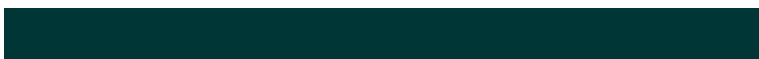
4278548458



4285166965



4278236597



4278203958



# Inverse Universe

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



4293527018



4294902015



4293555973



4285885045



4290052277

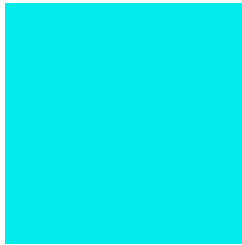


4281729078



# Previews

## White Background



This preview shows how the Android color 4278577898 looks on a white background.

## Color Contrast Check

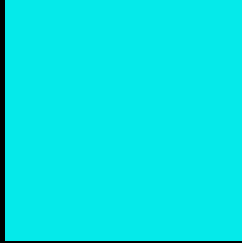
Large Text (above 18pt) WCAG AA × Fail

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 4278577898 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 4278577898 Background



This preview shows how black text looks on a background with the Android color 4278577898.



This preview shows how white text looks on a background with the Android color 4278577898.

# 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



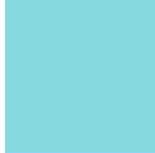


# Trichromacy



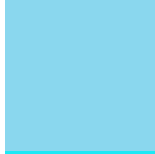
**Original Color**

4278577898



**Protanomaly**

4287093216



**Deuteranomaly**

4287289326



**Tritanomaly**

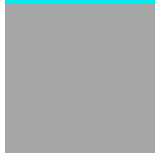
4280150260

# Monochromacy



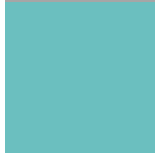
**Original Color**

4278577898



**Achromatopsia**

4289111718



**Achromatomaly**

4285251519

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278577898 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(5, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(5, 234, 234)  
}
```

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(5, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 234, 234) }
```

## Border

The CSS property to change the border of an element to Android 4278577898 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(5, 234, 234) }
```

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

```
.border{ border-color:rgb(5, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(5, 234,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4278577898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 234, 234) }
```

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

```
.background{ background-color: rgb(5, 234,  
234) }
```

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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