

# Converting Colors

Android(4278641892)

Have a look what the booklet for  
Android(4278641892) contains.

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# **Color**

**Android(4278641892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06E4E4
RGB	6, 228, 228
RGB Percent	2%, 89%, 89%
CMY	0.9765, 0.1059, 0.1059
CMYK	0.97, 0.00, 0.00, 0.11
HSL	180°, 95%, 46%
HSV	180°, 97%, 89%
XYZ	41.8221, 61.1270, 82.9932
YIQ	161.6220, -132.3120, -47.0640

# Conversions

## Conversions Part 2

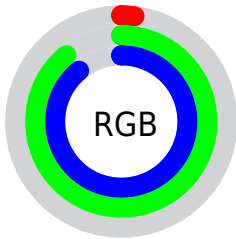
Format	Color
<a href="#">RYB</a>	6, 117, 228
Decimal	451812
CIELab	82.45, -44.04, -12.96
CIELCh	82, 45.907, 196.395
Yxy	61.1270, 0.2249, 0.3287
Android (android.graphics.Color)	4278641892 (0xFF06E4E4)
YUV	161.6220, 32.7244, -136.4805
Hunter-Lab	78.1837, -41.3382, -8.2086

# Details

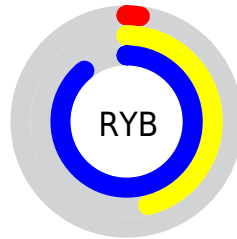
The Android color `4278641892` is a light color, and the websafe version is hex `00CCCC`. The color can be described as light washed cyan. A complement of this color would be `4293133830`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4285792255`, and `4278234285` is the 20% darker color. If you saturate the color by 10%, you get `4278248676`, and if you desaturate by 10%, it is `4280149220`.

# Distribution



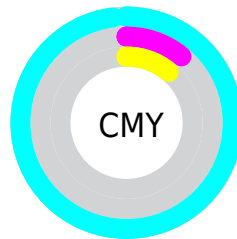
- Red (2%)
- Green (89%)
- Blue (89%)



- Red (2%)
- Yellow (46%)
- Blue (89%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278641892 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 4278641892 by changing the saturation by 10% instead.





4278641892



4278641892

4294967295



4278241480



4285792255



4278234285



4288020479



4278227346



4290183167



4278220408



4292280319



4278213984



4294377471



4278207560



4278201650



4278194461



4278190080

■ 4278641892

■ 4278641892

■ 4278248676

■ 4280149220

■ 4281656548

■ 4283098340

■ 4284605668

■ 4286112996

■ 4287620324

■ 4289127652

■ 4290569444

■ 4292076772

# Harmonies

## Analogous

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



4284998583



4278641892



4278247679

# Triad

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



4278641892



4293900799



4294624377

# Complementary

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



4278641892



4293133830

# 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.



4294948241



4278641892



4294946275

# Square

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



4278641892



4290038271



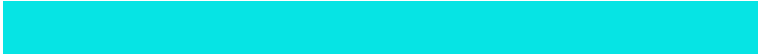
4294945975



4292006521

# Rectangle

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



4278641892



4282964991



4294945975



4294950783



# Sweetspot

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



4278641892



4290117631



4278641670



4283662464



4278190080



4286611584



# Same Dimension

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



4278641892



4278255615



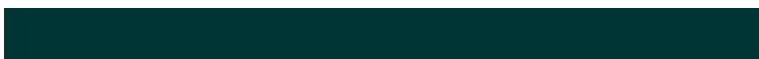
4278613476



4284969843



4278236083



4278203187



# Inverse Universe

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



4293134052



4294902015



4293162246



4285753203



4289921203

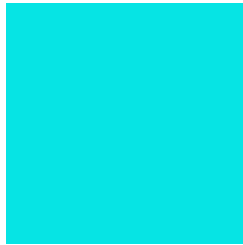


4281532467



# Previews

## White Background



This preview shows how the Android color 4278641892 looks on a white background.

## Color Contrast Check

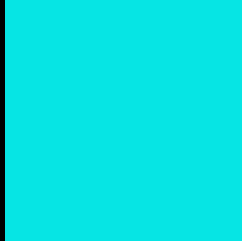
Large Text (above 18pt) WCAG AA × Fail

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 4278641892 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

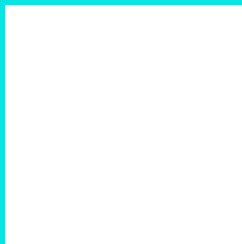
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278641892 Background



This preview shows how black text looks on a background with the Android color 4278641892.

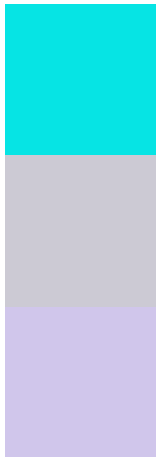


This preview shows how white text looks on a background with the Android color 4278641892.

# 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](#).

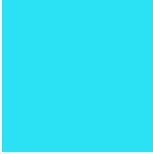
## Dichromacy



**Original Color**  
4278641892

**Protanopia**  
4291611348

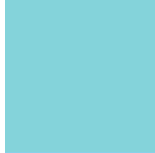
**Deuteranopia**  
4291872491



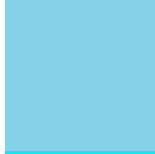
# Trichromacy



**Original Color**  
4278641892



**Protanomaly**  
4286895066



**Deuteranomaly**  
4287091176

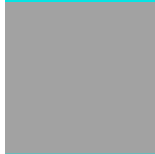


**Tritanomaly**  
4280148974

# Monochromacy



**Original Color**  
4278641892



**Achromatopsia**  
4288848546



**Achromatomaly**  
4285119162

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278641892 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(6, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(6, 228, 228)  
}
```

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(6, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 228, 228) }
```

## Border

The CSS property to change the border of an element to Android 4278641892 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(6, 228, 228) }
```

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

```
.border{ border-color:rgb(6, 228, 228) }
```

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

Here you see how a box with a 4 pixel rgb(6, 228, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(6, 228,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4278641892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 228, 228) }
```

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

```
.background{ background-color: rgb(6, 228,  
228) }
```

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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