

# Converting Colors

Android(4278760172)

Have a look what the booklet for  
Android(4278760172) contains.

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# **Color**

**Android(4278760172)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08B2EC
RGB	8, 178, 236
RGB Percent	3%, 70%, 93%
CMY	0.9686, 0.3020, 0.0745
CMYK	0.97, 0.25, 0.00, 0.07
HSL	195°, 93%, 48%
HSV	195°, 97%, 93%
XYZ	31.1609, 37.9485, 85.0393
YIQ	133.7820, -119.9380, -18.0020

# Conversions

## Conversions Part 2

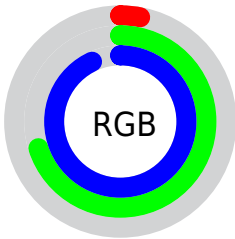
Format	Color
<a href="#">RYB</a>	<a href="#">8, 105, 236</a>
Decimal	<a href="#">570092</a>
CIELab	<a href="#">67.98, -17.23, -39.39</a>
CIELCh	<a href="#">68, 42.988, 246.377</a>
Yxy	<a href="#">37.9485, 0.2021, 0.2462</a>
Android (android.graphics.Color)	<a href="#">4278760172</a> ( <a href="#">0xFF08B2EC</a> )
YUV	<a href="#">133.7820, 50.3935, -110.3108</a>
Hunter-Lab	<a href="#">61.6024, -17.5120, -38.7255</a>

# Details

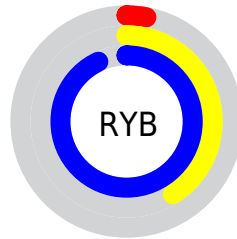
The Android color `4278760172` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4293673480`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285459199`, and `4278222260` is the 20% darker color. If you saturate the color by 10%, you get `4278235372`, and if you desaturate by 10%, it is `4280334572`.

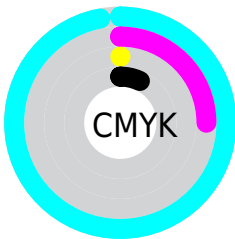
# Distribution



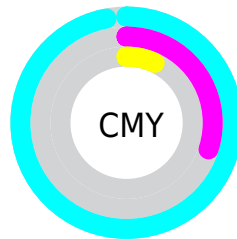
- Red (3%)
- Green (70%)
- Blue (93%)



- Red (3%)
- Yellow (41%)
- Blue (93%)



- Cyan (97%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (97%)
- Magenta (30%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278760172 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 4278760172 by changing the saturation by 10% instead.



 4278760172

 4278760172

4294967295

 4278228944

 4285459199

 4278222260

 4287627263

 4278215833

 4289724415

 4278209663

 4291821567

 4278204005

 4293853183

 4278198605

 4278191414

 4278190624

 4278190083

■ 4278760172

■ 4278760172

■ 4278235372

■ 4280334572

■ 4281843436

■ 4283417836

■ 4284926700

■ 4286501100

■ 4288075500

■ 4289584364

■ 4291158764

■ 4292667628

# Harmonies

## Analogous

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



4278237394



4278760172



4286031858

# Triad

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



4278760172



4293887647



4287476069

# Complementary

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



4278760172



4293673480

# 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.



4290160215



4278760172



4293692538

# Square

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



4278760172



4292709318



4292319583



4284135301

# Rectangle

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



4278760172



4288847339



4292319583



4288392798

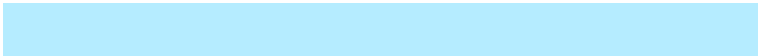


# Sweetspot

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



4278760172



4290112767



4278774849



4283659392



4278190080



4286611584

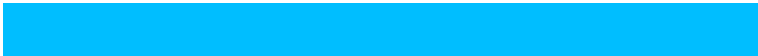


# Same Dimension

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



4278760172



4278238975



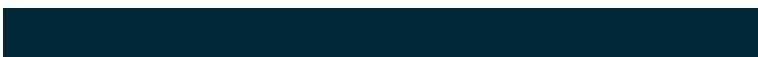
4278731244



4285166197



4278224821



4278200374



# Inverse Universe

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



4293658802



4294901950



4293702408



4285885042



4290052231

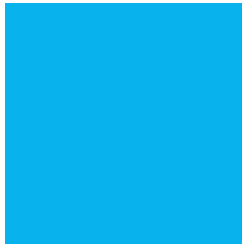


4281729064



# Previews

## White Background



This preview shows how the Android color 4278760172 looks on a white background.

## Color Contrast Check

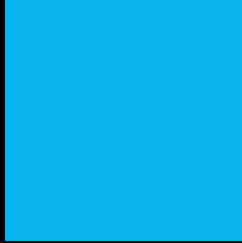
Large Text (above 18pt) WCAG AA × Fail

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 4278760172 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 4278760172 Background



This preview shows how black text looks on a background with the Android color 4278760172.



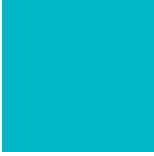
This preview shows how white text looks on a background with the Android color 4278760172.

# 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





**Tritanopia**  
4278237125

# Trichromacy



**Original Color**

4278760172



**Protanomaly**

4284524772



**Deuteranomaly**

4284000494



**Tritanomaly**

4278433235

# Monochromacy



**Original Color**

4278760172



**Achromatopsia**

4287006342



**Achromatomaly**

4283995819

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278760172 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(8, 178, 236)` looks like.

```
.text, #text, p{  
    color:rgb(8, 178, 236)  
}
```

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(8, 178, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 178, 236) }
```

## Border

The CSS property to change the border of an element to Android 4278760172 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(8, 178, 236) }
```

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

```
.border{ border-color:rgb(8, 178, 236) }
```

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

Here you see how a box with a 4 pixel rgb(8, 178, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 178, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 178, 236);  
box-shadow:4px 4px 4px 4px rgb(8, 178,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4278760172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 178, 236) }
```

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

```
.background{ background-color: rgb(8, 178,  
236) }
```

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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