

# Converting Colors

Android(4278510567)

Have a look what the booklet for  
Android(4278510567) contains.

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**Color**

**Android(4278510567)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04E3E7
RGB	4, 227, 231
RGB Percent	2%, 89%, 91%
CMY	0.9843, 0.1098, 0.0941
CMYK	0.98, 0.02, 0.00, 0.09
HSL	181°, 97%, 46%
HSV	181°, 98%, 91%
XYZ	41.9430, 60.7335, 85.1134
YIQ	160.7790, -134.1920, -46.0320

# Conversions

## Conversions Part 2

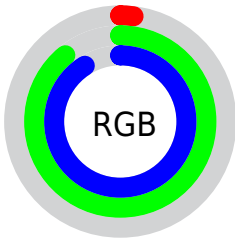
Format	Color
R <sub>YB</sub>	4, 116, 231
Decimal	320487
CIE Lab	82.24, -42.76, -14.87
CIE LCh	82, 45.273, 199.169
Yxy	60.7335, 0.2234, 0.3234
Android (android.graphics.Color)	4278510567 (0xFF04E3E7)
YUV	160.7790, 34.6190, -137.4952
Hunter-Lab	77.9317, -40.3115, -10.2016

# Details

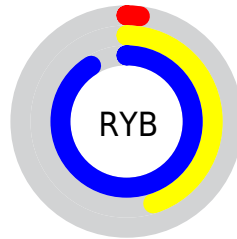
The Android color `4278510567` is a light color, and the websafe version is hex `00CCCC`. The color can be described as light washed cyan. A complement of this color would be `4293330948`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4285726719`, and `4278234031` is the 20% darker color. If you saturate the color by 10%, you get `4278248423`, and if you desaturate by 10%, it is `4280017895`.

# Distribution



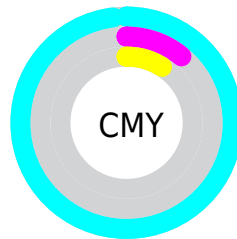
- Red (2%)
- Green (89%)
- Blue (91%)



- Red (2%)
- Yellow (45%)
- Blue (91%)



- Cyan (98%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (98%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278510567 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 4278510567 by changing the saturation by 10% instead.



 4278510567

 4278510567

4294967295

 4278241227

 4285726719

 4278234031

 4288020479

 4278227093

 4290183167

 4278220155

 4292280319

 4278213730

 4294377471

 4278207306

 4278201652

 4278194207

 4278190084

■ 4278510567

■ 4278510567

■ 4278248423

■ 4280017895

■ 4281525479

■ 4283032807

■ 4284540391

■ 4286113255

■ 4287620583

■ 4289128167

■ 4290635495

■ 4292143079

# Harmonies

## Analogous

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



4284736187



4278510567



4278247423

# Triad

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



4278510567



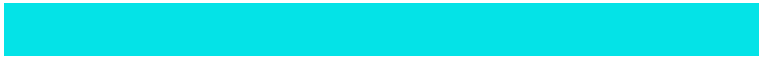
4294162687



4294362489

# Complementary

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



4278510567



4293330948

# 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.



4294948494



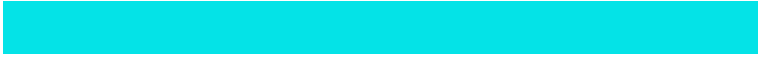
4278510567



4294946270

# Square

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



4278510567



4290430975



4294945971



4291679099

# Rectangle

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



4278510567



4283750911



4294945971



4294951038

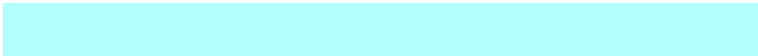


# Sweetspot

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



4278510567



4290117375



4278511368



4283662208



4278190080



4286611584



# Same Dimension

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



4278510567



4278254591



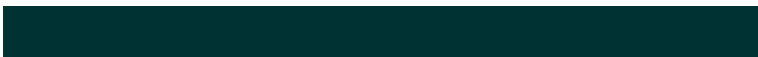
4278481639



4284969843



4278235059



4278202931



# Inverse Universe

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



4293330147



4294902011



4293359876



4285753203



4289921199

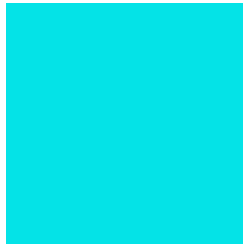


4281532466



# Previews

## White Background



This preview shows how the Android color 4278510567 looks on a white background.

## Color Contrast Check

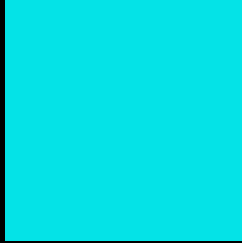
Large Text (above 18pt) WCAG AA × Fail

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 4278510567 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 4278510567 Background



This preview shows how black text looks on a background with the Android color 4278510567.

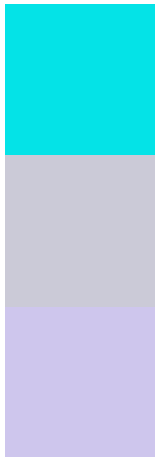


This preview shows how white text looks on a background with the Android color 4278510567.

# 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](#).

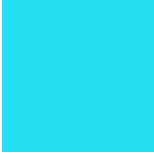
## Dichromacy



**Original Color**  
4278510567

**Protanopia**  
4291545815

**Deuteranopia**  
4291741421



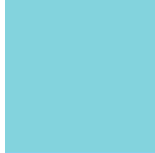
**Tritanopia**  
4280672755

# Trichromacy



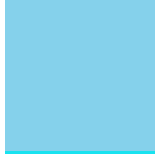
**Original Color**

4278510567



**Protanomaly**

4286829533



**Deuteranomaly**

4286960107



**Tritanomaly**

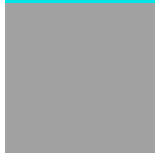
4279886575

# Monochromacy



**Original Color**

4278510567



**Achromatopsia**

4288782753



**Achromatomaly**

4285053370

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278510567 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(4, 227, 231)` looks like.

```
.text, #text, p{  
    color:rgb(4, 227, 231)  
}
```

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(4, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 227, 231) }
```

## Border

The CSS property to change the border of an element to Android 4278510567 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(4, 227, 231) }
```

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

```
.border{ border-color:rgb(4, 227, 231) }
```

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

Here you see how a box with a 4 pixel rgb(4, 227, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(4, 227,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4278510567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 227, 231) }
```

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

```
.background{ background-color: rgb(4, 227,  
231) }
```

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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