

# Converting Colors

Android(4279003510)

Have a look what the booklet for  
Android(4279003510) contains.

<b>Android(4279003510)</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(4279003510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C6976
RGB	12, 105, 118
RGB Percent	5%, 41%, 46%
CMY	0.9529, 0.5882, 0.5373
CMYK	0.90, 0.11, 0.00, 0.54
HSL	187°, 82%, 25%
HSV	187°, 90%, 46%
XYZ	8.4732, 11.4893, 18.9106
YIQ	78.6750, -59.6010, -15.6730

# Conversions

## Conversions Part 2

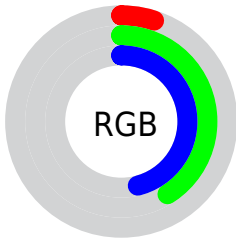
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 62, 118
Decimal	813430
CIE <sub>Lab</sub>	40.39, -19.71, -14.36
CIE <sub>LCh</sub>	40, 24.386, 216.070
Yxy	11.4893, 0.2180, 0.2956
Android (android.graphics.Color)	4279003510 (0xFF0C6976)
YUV	78.6750, 19.3872, -58.4740
Hunter-Lab	33.8959, -14.6969, -9.3509

# Details

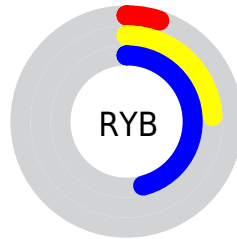
The Android color `4279003510` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285929740`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283473066`, and `4278204742` is the 20% darker color. If you saturate the color by 10%, you get `4278216822`, and if you desaturate by 10%, it is `4279790198`.

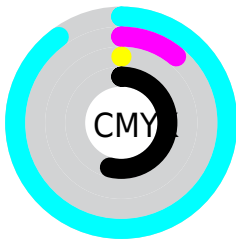
# Distribution



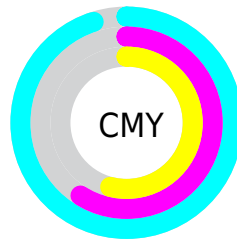
- Red (5%)
- Green (41%)
- Blue (46%)



- Red (5%)
- Yellow (24%)
- Blue (46%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (54%)



- Cyan (95%)
- Magenta (59%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279003510 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 4279003510 by changing the saturation by 10% instead.





4279003510



4279003510

4294967295



4278210909



4283473066



4278204742



4285315013



4278199343



4287157217



4278191131



4288999678



4278190080



4290904063



4292804607



4294705151



4279003510



4279003510

■ 4278216822

■ 4279790198

■ 4280577142

■ 4281298294

■ 4282085238

■ 4282871926

■ 4283658870

■ 4284445558

■ 4285166966

■ 4285953654

# Harmonies

## Analogous

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



4280314467



4279003510



4280772227

# Triad

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



4279003510



4286337648



4285030199

# Complementary

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



4279003510



4285929740

# 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.



4286208059



4279003510



4286992476

# Square

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



4279003510



4284963199



4286861897



4283655486

# Rectangle

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



4279003510



4282278535



4286861897



4285488439



# Sweetspot

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



4279003510



4285568153



4279006744



4281616717



4291611852



4283256141



# Same Dimension

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



4279003510



4278224537



4278990198



4281678395



4278217594



4278246394



# Inverse Universe

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



4285926505



4288217222



4285943052



4282070330



4286185579



4294574299



# Previews

## White Background



This preview shows how the Android color 4279003510 looks on a white background.

## Color Contrast Check

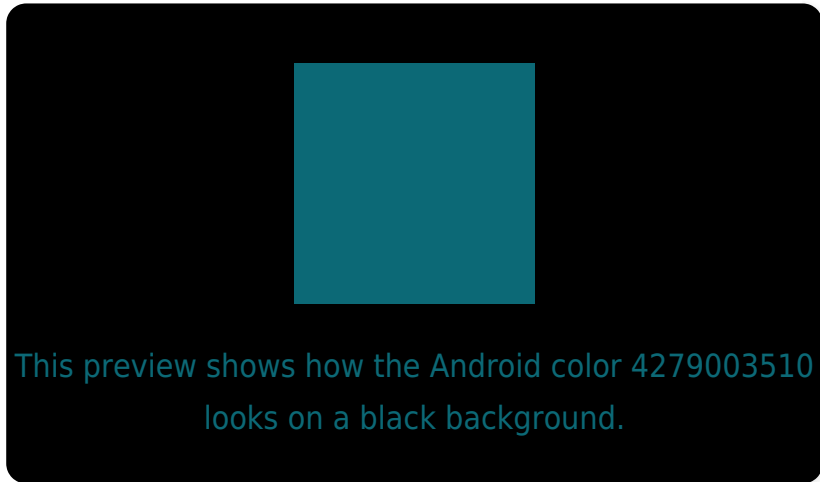
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

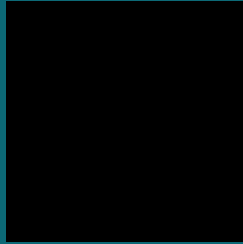
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279003510 Background



This preview shows how black text looks on a background with the Android color 4279003510.

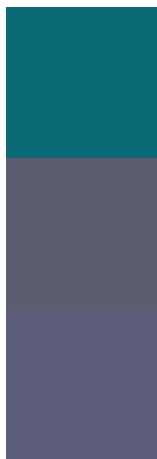


This preview shows how white text looks on a background with the Android color 4279003510.

# 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



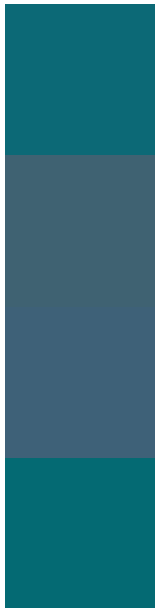
**Original Color**  
4279003510

**Protanopia**  
4284243567

**Deuteranopia**  
4284177785



# Trichromacy



**Original Color**  
4279003510

**Protanomaly**  
4282344050

**Deuteranomaly**  
4282278264

**Tritanomaly**  
4278479475

# Monochromacy



**Original Color**  
4279003510

**Achromatopsia**  
4283387727

**Achromatomaly**  
4281817181

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279003510 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(12, 105, 118)` looks like.

```
.text, #text, p{  
    color:rgb(12, 105, 118)  
}
```

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(12, 105, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 105, 118) }
```

## Border

The CSS property to change the border of an element to Android 4279003510 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(12, 105, 118) }
```

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

```
.border{ border-color:rgb(12, 105, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 105, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 105, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 105, 118);  
box-shadow:4px 4px 4px 4px rgb(12, 105,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4279003510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 105, 118) }
```

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

```
.background{ background-color: rgb(12, 105,  
118) }
```

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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