

# Converting Colors

Android(4278412406)

Have a look what the booklet for  
Android(4278412406) contains.

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# Color

**Android(4278412406)**

# Conversions

## Conversions Part 1

Format	Color
Hex	036476
RGB	3, 100, 118
RGB Percent	1%, 39%, 46%
CMY	0.9882, 0.6078, 0.5373
CMYK	0.97, 0.15, 0.00, 0.54
HSL	189°, 95%, 24%
HSV	189°, 97%, 46%
XYZ	7.8647, 10.4417, 18.7405
YIQ	73.0490, -63.5900, -14.9660

# Conversions

## Conversions Part 2

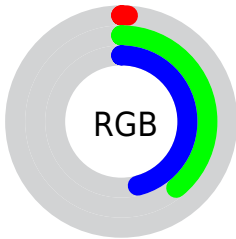
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 56, 118
Decimal	222326
CIELab	38.62, -17.57, -17.07
CIElCh	39, 24.496, 224.182
Yxy	10.4417, 0.2123, 0.2819
Android (android.graphics.Color)	4278412406 (0xFF036476)
YUV	73.0490, 22.1608, -61.4330
Hunter-Lab	32.3136, -13.1042, -11.7660

# Details

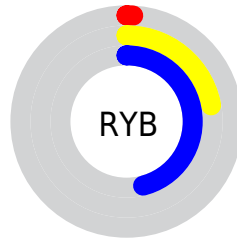
The Android color `4278412406` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285928707`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4283275178`, and `4278203718` is the 20% darker color. If you saturate the color by 10%, you get `4278215798`, and if you desaturate by 10%, it is `4279199350`.

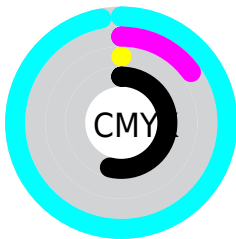
# Distribution



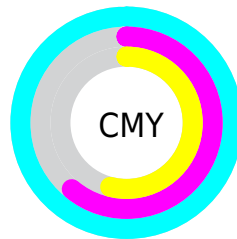
- Red (1%)
- Green (39%)
- Blue (46%)



- Red (1%)
- Yellow (22%)
- Blue (46%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (99%)
- Magenta (61%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278412406 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 4278412406 by changing the saturation by 10% instead.





4278412406



4278412406

4294967295



4278209629



4283275178



4278203718



4285117125



4278198319



4286959073



4278190363



4288801534



4278190080



4290641919



4292542463



4294508543



4278412406



4278412406

■ 4278215798

■ 4279199350

■ 4279986294

■ 4280707702

■ 4281494390

■ 4282281334

■ 4283068278

■ 4283855222

■ 4284576630

■ 4285363574

# Harmonies

## Analogous

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



4279264868



4278412406



4281032833

# Triad

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



4278412406



4286270822



4284439860

# Complementary

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



4278412406



4285928707

# 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.



4285617717



4278412406



4286729298

# Square

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



4278412406



4285092472



4286467904



4282933822

# Rectangle

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



4278412406



4282539138



4286467904



4284832563



# Sweetspot

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



4278412406



4285371033



4278416916



4281485389



4291611852



4283256141



# Same Dimension

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



4278412406



4278223257



4278397814



4281678395



4278216570



4278244346



# Inverse Universe

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



4285924196



4288217217



4285943299



4282070330



4286185575



4294574291



# Previews

## White Background



This preview shows how the Android color 4278412406 looks on a white background.

## Color Contrast Check

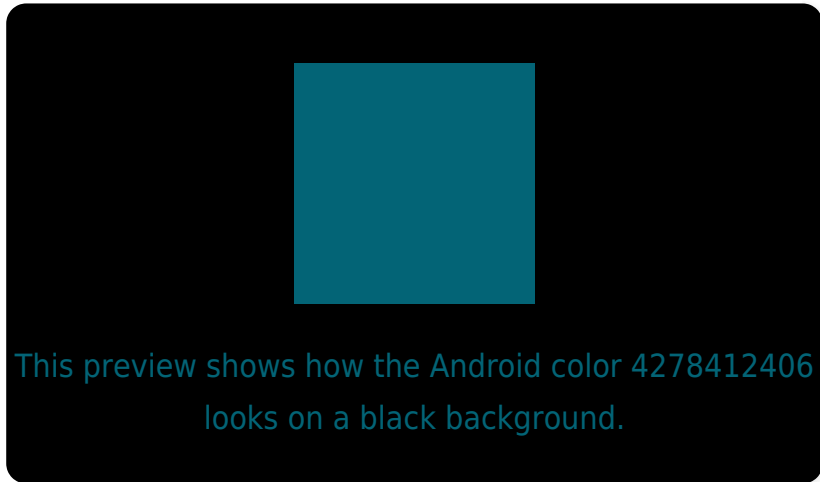
Large Text (above 18pt) WCAG AA ✓ Pass

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

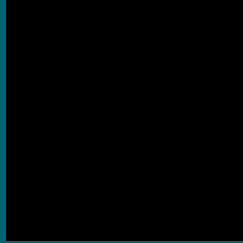
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278412406 Background



This preview shows how black text looks on a background with the Android color 4278412406.

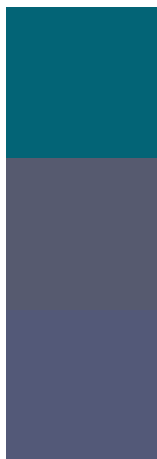


This preview shows how white text looks on a background with the Android color 4278412406.

# 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**

4278412406

**Protanopia**

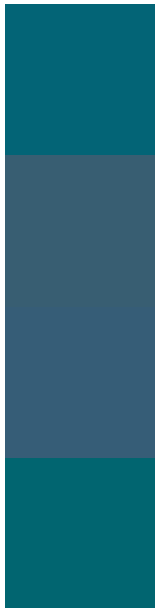
4283849327

**Deuteranopia**

4283652472



# Trichromacy



**Original Color**

4278412406

**Protanomaly**

4281884274

**Deuteranomaly**

4281752951

**Tritanomaly**

4278281584

# Monochromacy



**Original Color**

4278412406

**Achromatopsia**

4282992969

**Achromatomaly**

4281357145

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278412406 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(3, 100, 118)` looks like.

```
.text, #text, p{  
    color:rgb(3, 100, 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(3, 100, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 100, 118) }
```

## Border

The CSS property to change the border of an element to Android 4278412406 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(3, 100, 118) }
```

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

```
.border{ border-color:rgb(3, 100, 118) }
```

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

Here you see how a box with a 4 pixel rgb(3, 100, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 100, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 100, 118);  
box-shadow:4px 4px 4px 4px rgb(3, 100,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4278412406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 100, 118) }
```

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

```
.background{ background-color: rgb(3, 100,  
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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