

Converting Colors

Android(4278346093)

Have a look what the booklet for
Android(4278346093) contains.

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Color

Android(4278346093)

Conversions

Conversions Part 1

Format	Color
Hex	02616D
RGB	2, 97, 109
RGB Percent	1%, 38%, 43%
CMY	0.9922, 0.6196, 0.5725
CMYK	0.98, 0.11, 0.00, 0.57
HSL	187°, 96%, 22%
HSV	187°, 98%, 43%
XYZ	7.0600, 9.6664, 15.9617
YIQ	69.9630, -60.4720, -16.4080

Conversions

Conversions Part 2

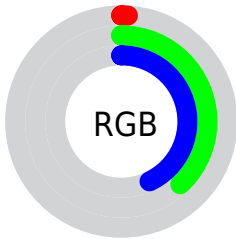
Format	Color
RYB	2, 52, 109
Decimal	156013
CIELab	37.24, -19.29, -13.67
CIELCh	37, 23.640, 215.321
Yxy	9.6664, 0.2160, 0.2957
Android (android.graphics.Color)	4278346093 (0xFF02616D)
YUV	69.9630, 19.2452, -59.6036
Hunter-Lab	31.0909, -13.8756, -8.6752

Details

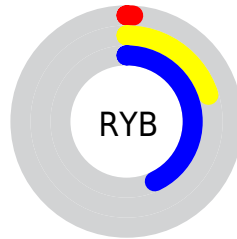
The Android color **4278346093** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285337090**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4283077792**, and **4278202942** is the 20% darker color. If you saturate the color by 10%, you get **4278215021**, and if you desaturate by 10%, it is **4279067245**.

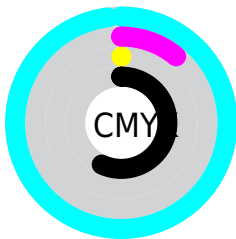
Distribution



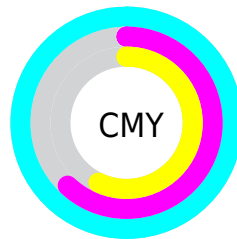
- Red (1%)
- Green (38%)
- Blue (43%)



- Red (1%)
- Yellow (20%)
- Blue (43%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (57%)



- Cyan (99%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278346093 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 4278346093 by changing the saturation by 10% instead.

 4278346093

 4278346093

4294967295

 4278208853

 4283077792

 4278202942

 4284919739

 4278197800

 4286761687

 4278190355

 4288538356

 4278190080

 4290445311

 4292345855

 4294246399

 4278346093

 4278346093

■ 4278215021

■ 4279067245

■ 4279788397

■ 4280509805

■ 4281230957

■ 4281952109

■ 4282607725

■ 4283329133

■ 4284050285

■ 4284771437

Harmonies

Analogous

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



4279919194



4278346093



4280245882

Triad

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



4278346093



4285680488



4284569649

Complementary

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



4278346093



4285337090

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.



4285616437



4278346093



4286335317

Square

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



4278346093



4284371319



4286270275



4283194680

Rectangle

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



4278346093



4281817725



4286270275



4284962097

Sweetspot

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



4278346093



4284844687



4278349069



4281222471



4291282887



4282861383

Same Dimension

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



4278346093



4278222735



4278332781



4281349430



4278216821



4278245877

Inverse Universe

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



4285334113



4287561855



4285350402



4281741365



4285857896



4294246617

Previews

White Background



This preview shows how the Android color 4278346093 looks on a white background.

Color Contrast Check

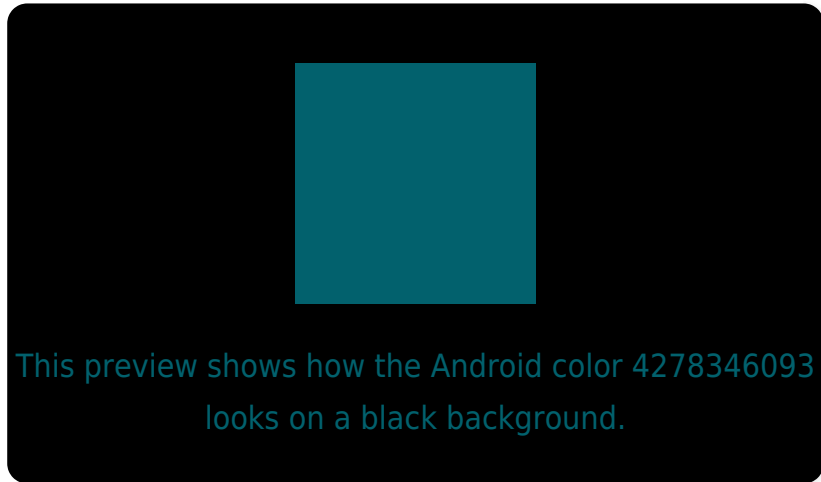
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

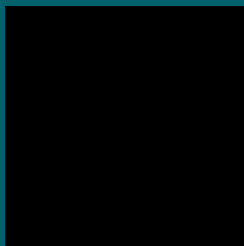
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

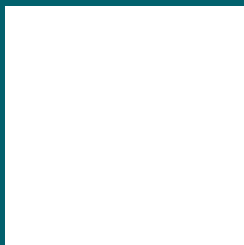
Any Text WCAG AAA × Fail

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

Android 4278346093 Background



This preview shows how black text looks on a background with the Android color 4278346093.

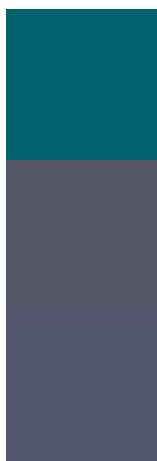


This preview shows how white text looks on a background with the Android color 4278346093.

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

4278346093

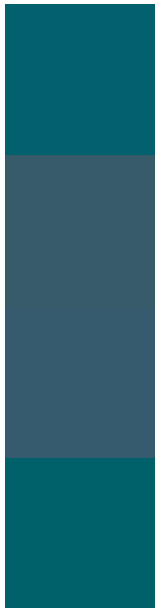
Protanopia

4283783014

Deuteranopia

4283717231

Trichromacy



Original Color
4278346093

Protanomaly
4281817961

Deuteranomaly
4281752174

Tritanomaly
4278280554

Monochromacy



Original Color
4278346093

Achromatopsia
4282795590

Achromatomaly
4281159764

CSS Examples

Text

The CSS property to change the color of the text to Android 4278346093 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(2, 97, 109)` looks like.

```
.text, #text, p{  
    color:rgb(2, 97, 109)  
}
```

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(2, 97, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 97, 109) }
```

Border

The CSS property to change the border of an element to Android 4278346093 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(2, 97, 109) }
```

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

```
.border{ border-color:rgb(2, 97, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 97, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 97, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 97, 109);  
box-shadow:4px 4px 4px 4px rgb(2, 97, 109)  
}
```

Background

The CSS property to change the background color of an element to Android 4278346093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 97, 109) }
```

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

```
.background{ background-color: rgb(2, 97,  
109) }
```

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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