

Converting Colors

Android(4278216044)

Have a look what the booklet for
Android(4278216044) contains.

Android(4278216044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278216044)

Conversions

Conversions Part 1

Format	Color
Hex	00656C
RGB	0, 101, 108
RGB Percent	0%, 40%, 42%
CMY	1.0000, 0.6039, 0.5765
CMYK	1.00, 0.06, 0.00, 0.58
HSL	184°, 100%, 21%
HSV	184°, 100%, 42%
XYZ	7.3605, 10.3901, 15.8049
YIQ	71.5990, -62.4430, -19.2350

Conversions

Conversions Part 2

Format	Color
RYB	0, 52, 108
Decimal	25964
CIELab	38.53, -21.94, -11.09
CIELCh	39, 24.580, 206.808
Yxy	10.3901, 0.2194, 0.3096
Android (android.graphics.Color)	4278216044 (0xFF00656C)
YUV	71.5990, 17.9457, -62.7923
Hunter-Lab	32.2336, -15.6489, -6.5077

Details

The Android color `4278216044` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285269760`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4283078815`, and `4278203965` is the 20% darker color. If you saturate the color by 10%, you get `4278216044`, and if you desaturate by 10%, it is `4278937196`.

Distribution



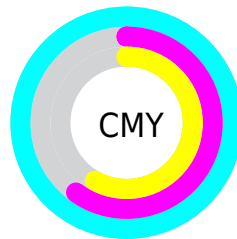
- Red (0%)
- Green (40%)
- Blue (42%)



- Red (0%)
- Yellow (20%)
- Blue (42%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216044 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 4278216044 by changing the saturation by 10% instead.

 4278216044

 4278216044

4294967295

 4278209876

 4283078815

 4278203965

 4284920762

 4278198567

 4286762966

 4278190355

 4288605170

 4278190080

 4290445311

 4292345855

 4294246399

 4278216044

■ 4278937196

■ 4279658092

■ 4280313708

■ 4281034860

■ 4281756012

■ 4282476908

■ 4283198060

■ 4283853676

■ 4284574572

Harmonies

Analogous

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



4280444248



4278216044



4279460476

Triad

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



4278216044



4285681521



4285159731

Complementary

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



4278216044



4285269760

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.



4286140986



4278216044



4286532446

Square

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



4278216044



4284110462



4286663754



4283785014

Rectangle

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



4278216044



4281163649



4286663754



4285486644

Sweetspot

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



4278216044



4284648076



4278217733



4281222727



4291282887



4282861383

Same Dimension

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



4278216044



4278223756



4278202732



4281349430



4278218357



4278248949

Inverse Universe

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



4285268069



4287365251



4285283072



4281741365



4285857902



4294246629

Previews

White Background



This preview shows how the Android color 4278216044 looks on a white background.

Color Contrast Check

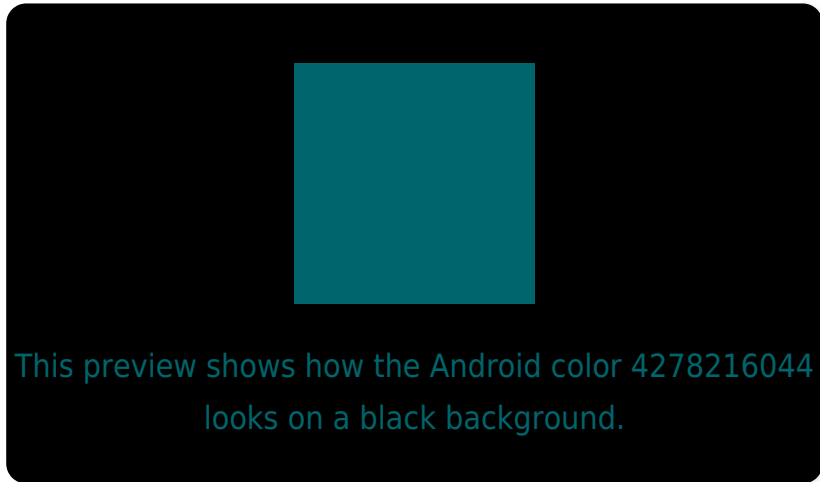
Large Text (above 18pt) WCAG AA ✓ Pass

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

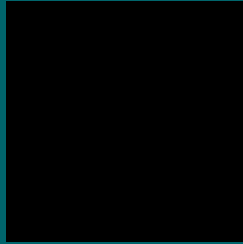
Any Text WCAG AA × Fail

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 4278216044 Background



This preview shows how black text looks on a background with the Android color 4278216044.



This preview shows how white text looks on a background with the Android color 4278216044.

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

4278216044

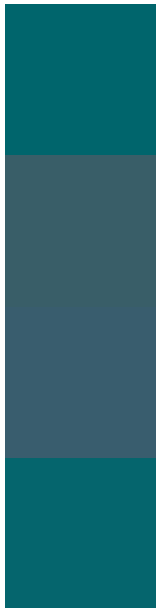
Protanopia

4284045925

Deuteranopia

4284045679

Trichromacy



Original Color
4278216044

Protanomaly
4281949800

Deuteranomaly
4281949550

Tritanomaly
4278543725

Monochromacy



Original Color
4278216044

Achromatopsia
4282927176

Achromatomaly
4281226069

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216044 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(0, 101, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 108)  
}
```

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(0, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 108) }
```

Border

The CSS property to change the border of an element to Android 4278216044 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(0, 101, 108) }
```

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

```
.border{ border-color:rgb(0, 101, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4278216044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 108) }
```

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

```
.background{ background-color: rgb(0, 101,  
108) }
```

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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