

Converting Colors

Android(4278218864)

Have a look what the booklet for
Android(4278218864) contains.

Android(4278218864)	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(4278218864)

Conversions

Conversions Part 1

Format	Color
Hex	007070
RGB	0, 112, 112
RGB Percent	0%, 44%, 44%
CMY	1.0000, 0.5608, 0.5608
CMYK	1.00, 0.00, 0.00, 0.56
HSL	180°, 100%, 22%
HSV	180°, 100%, 44%
XYZ	8.7188, 12.7582, 17.3323
YIQ	78.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

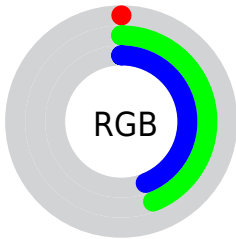
Format	Color
RYB	0, 56, 112
Decimal	28784
CIELab	42.40, -26.21, -7.71
CIELCh	42, 27.321, 196.386
Yxy	12.7582, 0.2247, 0.3287
Android (android.graphics.Color)	4278218864 (0xFF007070)
YUV	78.5120, 16.5096, -68.8550
Hunter-Lab	35.7186, -18.9363, -3.7672

Details

The Android color `4278218864` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285530112`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4283278500`, and `4278206272` is the 20% darker color. If you saturate the color by 10%, you get `4278218864`, and if you desaturate by 10%, it is `4278939760`.

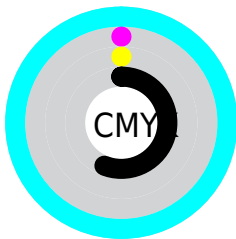
Distribution



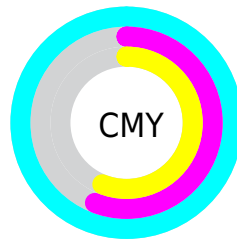
- Red (0%)
- Green (44%)
- Blue (44%)



- Red (0%)
- Yellow (22%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218864 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 4278218864 by changing the saturation by 10% instead.

 4278218864

 4278218864

4294967295

 4278212440

 4283278500

 4278206272

 4285120703

 4278200618

 4286962907

 4278194198

 4288870647

 4278190080

 4290707455

 4292607999

 4294574079

 4278218864

■ 4278939760

■ 4279660656

■ 4280447088

■ 4281167984

■ 4281888880

■ 4282609776

■ 4283330672

■ 4284117104

■ 4284838000

Harmonies

Analogous

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



4281298777



4278218864



4278218372

Triad

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



4278218864



4285946499



4286340920

Complementary

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



4278218864



4285530112

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.



4287256388



4278218864



4287189871

Square

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



4278218864



4283916943



4287648600



4284901176

Rectangle

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



4278218864



4280183693



4287648600



4286668091

Sweetspot

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



4278218864



4284912017



4278218752



4281289290



4291414473



4283058762

Same Dimension

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



4278218864



4278227345



4278204528



4281481272



4278220920



4278253559

Inverse Universe

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



4285530224



4287692945



4285544448



4281872952



4286054520



4294377719

Previews

White Background



This preview shows how the Android color 4278218864 looks on a white background.

Color Contrast Check

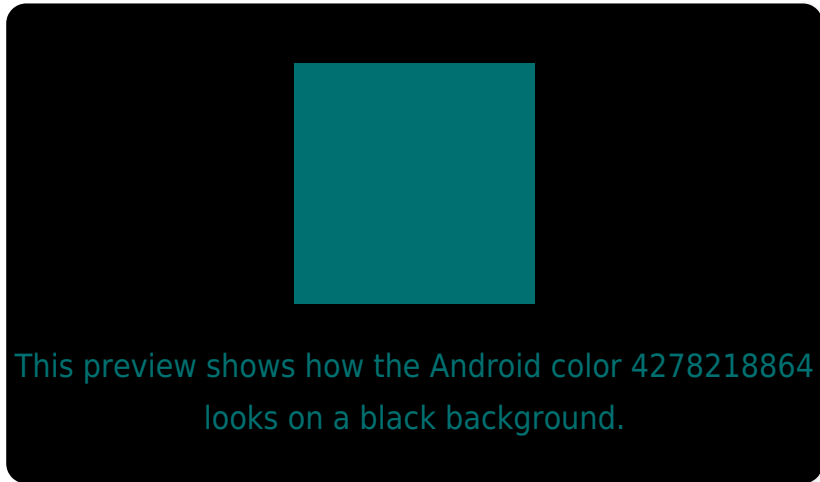
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218864 Background



This preview shows how black text looks on a background with the Android color 4278218864.



This preview shows how white text looks on a background with the Android color 4278218864.

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

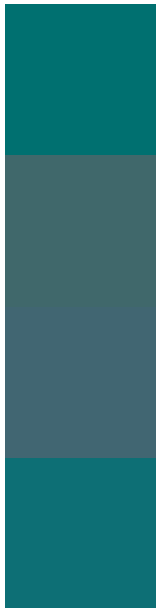


Original Color
4278218864

Protanopia
4284769128

Deuteranopia
4284899699

Trichromacy



Original Color
4278218864

Protanomaly
4282411115

Deuteranomaly
4282476146

Tritanomaly
4279070581

Monochromacy



Original Color
4278218864

Achromatopsia
4283387727

Achromatomaly
4281490267

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218864 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, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 112)  
}
```

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, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 112) }
```

Border

The CSS property to change the border of an element to Android 4278218864 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, 112, 112) }
```

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

```
.border{ border-color:rgb(0, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4278218864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 112) }
```

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

```
.background{ background-color: rgb(0, 112,  
112) }
```

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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