

Converting Colors

Android(4278228116)

Have a look what the booklet for
Android(4278228116) contains.

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Color

Android(4278228116)

Conversions

Conversions Part 1

Format	Color
Hex	009494
RGB	0, 148, 148
RGB Percent	0%, 58%, 58%
CMY	1.0000, 0.4196, 0.4196
CMYK	1.00, 0.00, 0.00, 0.42
HSL	180°, 100%, 29%
HSV	180°, 100%, 58%
XYZ	15.9352, 23.3179, 31.6779
YIQ	103.7480, -88.2080, -31.3760

Conversions

Conversions Part 2

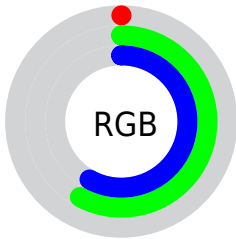
Format	Color
RYB	0, 74, 148
Decimal	38036
CIELab	55.40, -32.05, -9.42
CIElCh	55, 33.404, 196.386
Yxy	23.3179, 0.2247, 0.3287
Android (android.graphics.Color)	4278228116 (0xFF009494)
YUV	103.7480, 21.8162, -90.9870
Hunter-Lab	48.2886, -25.6003, -5.0929

Details

The Android color `4278228116` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287889408`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284074954`, and `4278215009` is the 20% darker color. If you saturate the color by 10%, you get `4278228116`, and if you desaturate by 10%, it is `4279211156`.

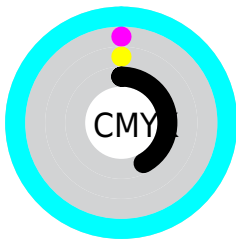
Distribution



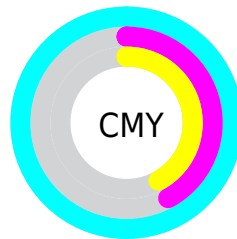
- Red (0%)
- Green (58%)
- Blue (58%)



- Red (0%)
- Yellow (29%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228116 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 4278228116 by changing the saturation by 10% instead.

 4278228116

 4278228116

4294967295

 4278221434

 4284074954

 4278215009

 4286048230

 4278208586

 4288020479

 4278202675

 4289986559

 4278197278

 4291887103

 4278190084


 4293853183

 4278190080

 4278228116

 4279211156

 4280194196

 4281111700

 4282094740

 4283077780

 4284060820

 4285043860

 4285961364

 4286944404

Harmonies

Analogous

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



4282422134



4278228116



4278227630

Triad

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



4278228116



4288444333



4288904780

Complementary

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



4278228116



4287889408

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.



4290147420



4278228116



4290080659

Square

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



4278228116



4285825724



4290604662



4287137868

Rectangle

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



4278228116



4281044665



4290604662



4289362768

Sweetspot

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



4278228116



4287020991



4278227968



4282278241



4292927712



4284572001

Same Dimension

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



4278228116



4278239167



4278209172



4282600010



4278225546



4278192650

Inverse Universe

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



4287889556



4290707647



4287908352



4283056970



4287234186



4278845450

Previews

White Background



This preview shows how the Android color 4278228116 looks on a white background.

Color Contrast Check

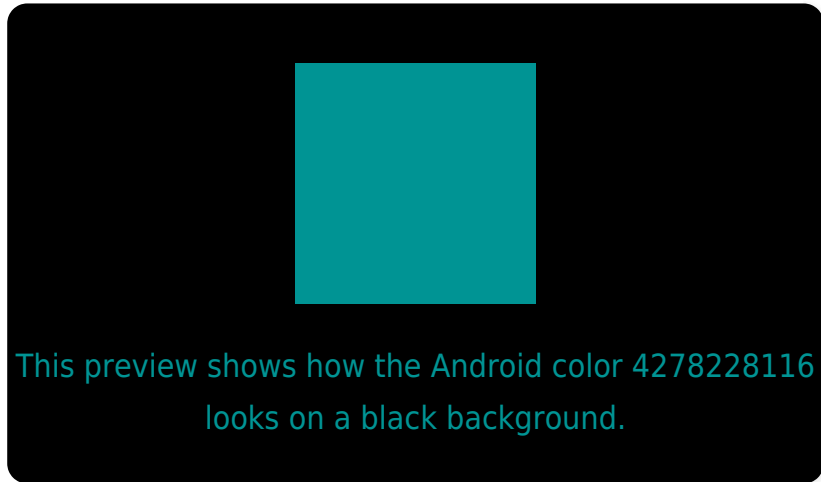
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4278228116 Background



This preview shows how black text looks on a background with the Android color 4278228116.



This preview shows how white text looks on a background with the Android color 4278228116.

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



Trichromacy



Original Color

4278228116



Protanomaly

4283795854



Deuteranomaly

4283861143



Tritanomaly

4279341978

Monochromacy



Original Color

4278228116



Achromatopsia

4285032552



Achromatomaly

4282546296

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228116 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, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 148)  
}
```

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, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 148) }
```

Border

The CSS property to change the border of an element to Android 4278228116 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, 148, 148) }
```

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

```
.border{ border-color:rgb(0, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
148) }
```

Background

The CSS property to change the background color of an element to Android 4278228116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 148) }
```

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

```
.background{ background-color: rgb(0, 148,  
148) }
```

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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