

Converting Colors

Android(4278491790)

Have a look what the booklet for
Android(4278491790) contains.

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Color

Android(4278491790)

Conversions

Conversions Part 1

Format	Color
Hex	049A8E
RGB	4, 154, 142
RGB Percent	2%, 60%, 56%
CMY	0.9843, 0.3961, 0.4431
CMYK	0.97, 0.00, 0.08, 0.40
HSL	175°, 95%, 31%
HSV	175°, 97%, 60%
XYZ	16.4882, 25.0900, 29.5650
YIQ	107.7820, -85.5480, -35.5320

Conversions

Conversions Part 2

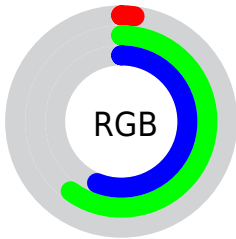
Format	Color
RYB	4, 82, 154
Decimal	301710
CIELab	57.16, -36.50, -3.37
CIELCh	57, 36.656, 185.270
Yxy	25.0900, 0.2318, 0.3527
Android (android.graphics.Color)	4278491790 (0xFF049A8E)
YUV	107.7820, 16.8695, -91.0168
Hunter-Lab	50.0899, -28.9003, 0.0677

Details

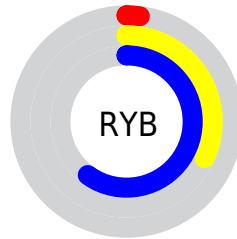
The Android color `4278491790` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288283664`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284142020`, and `4278216284` is the 20% darker color. If you saturate the color by 10%, you get `4278229646`, and if you desaturate by 10%, it is `4279474831`.

Distribution



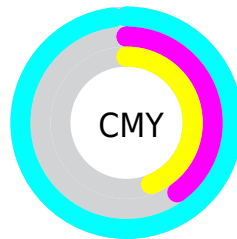
- Red (2%)
- Green (60%)
- Blue (56%)



- Red (2%)
- Yellow (32%)
- Blue (60%)



- Cyan (97%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (98%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278491790 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 4278491790 by changing the saturation by 10% instead.

 4278491790

 4278491790

4294967295

 4278222964

 4284142020

 4278216284

 4286181088

 4278209860

 4288086012

 4278203694

 4290052095

 4278198554

 4292018175

 4278190080

 4293984255


 4278491790

 4278491790

 4278229646

 4279474831

 4280523408

 4281506450

 4282555027

 4283538068

 4284521109

 4285569687

 4286552728

 4287601305

Harmonies

Analogous

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



4283275373



4278491790



4278229421

Triad

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



4278491790



4287922109



4289953360

Complementary

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



4278491790



4288283664

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.



4291064934



4278491790



4290147493

Square

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



4278491790



4284582857



4291194757



4288186696

Rectangle

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



4278491790



4278228669



4291194757



4290411094

Sweetspot

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



4278491790



4287613381



4279343620



4282541667



4293322470



4284900966

Same Dimension

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



4278491790



4278241721



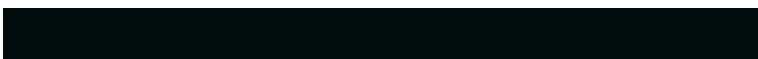
4278475930



4282731852



4278226049



4278193420

Inverse Universe

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



4288283664



4291362832



4288299780



4283254085



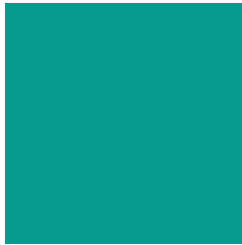
4287365131



4279042049

Previews

White Background



This preview shows how the Android color 4278491790 looks on a white background.

Color Contrast Check

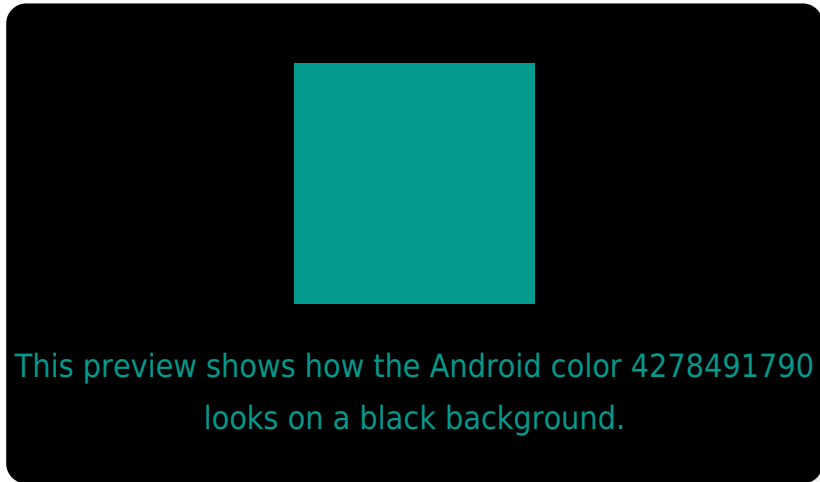
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278491790 Background



This preview shows how black text looks on a background with the Android color 4278491790.

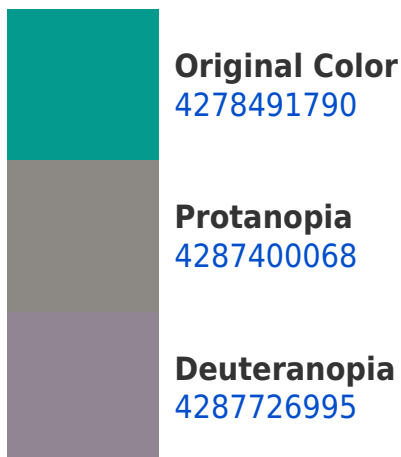


This preview shows how white text looks on a background with the Android color 4278491790.

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
4278491790

Protanomaly
4284190600

Deuteranomaly
4284386705

Tritanomaly
4279867547

Monochromacy



Original Color
4278491790

Achromatopsia
4285295724

Achromatomaly
4282809720

CSS Examples

Text

The CSS property to change the color of the text to Android 4278491790 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(4, 154, 142)` looks like.

```
.text, #text, p{  
    color:rgb(4, 154, 142)  
}
```

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(4, 154, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 154, 142) }
```

Border

The CSS property to change the border of an element to Android 4278491790 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(4, 154, 142) }
```

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

```
.border{ border-color:rgb(4, 154, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 154, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 154, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 154, 142);  
box-shadow:4px 4px 4px 4px rgb(4, 154,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4278491790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 154, 142) }
```

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

```
.background{ background-color: rgb(4, 154,  
142) }
```

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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