

Converting Colors

Android(4278286232)

Have a look what the booklet for
Android(4278286232) contains.

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Color

Android(4278286232)

Conversions

Conversions Part 1

Format	Color
Hex	017798
RGB	1, 119, 152
RGB Percent	0%, 47%, 60%
CMY	0.9961, 0.5333, 0.4039
CMYK	0.99, 0.22, 0.00, 0.40
HSL	193°, 99%, 30%
HSV	193°, 99%, 60%
XYZ	12.2768, 15.4671, 32.0442
YIQ	87.4800, -80.9210, -14.7530

Conversions

Conversions Part 2

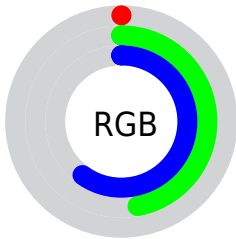
Format	Color
RYB	1, 67, 152
Decimal	96152
CIELab	46.27, -15.65, -25.68
CIELCh	46, 30.068, 238.641
Yxy	15.4671, 0.2053, 0.2587
Android (android.graphics.Color)	4278286232 (0xFF017798)
YUV	87.4800, 31.8084, -75.8430
Hunter-Lab	39.3282, -13.1032, -20.7790

Details

The Android color `4278286232` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288160257`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4283870158`, and `4278208101` is the 20% darker color. If you saturate the color by 10%, you get `4278220696`, and if you desaturate by 10%, it is `4279270040`.

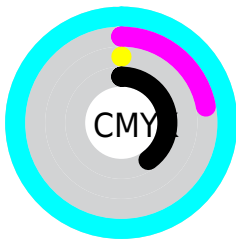
Distribution



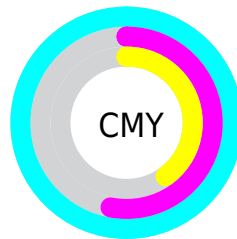
- Red (0%)
- Green (47%)
- Blue (60%)



- Red (0%)
- Yellow (26%)
- Blue (60%)



- Cyan (99%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278286232 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 4278286232 by changing the saturation by 10% instead.



4278286232



4278286232

4294967295



4278214270



4283870158



4278208101



4285777899



4278202445



4287751167



4278197302



4289658879



4278190624



4291559423



4278190085



4293525503



4278190080



4278286232



4278286232



4278220696



4279270040

 4280254104

 4281303448

 4282287256

 4283271320

 4284255128

 4285238936

 4286288536

 4287272344

Harmonies

Analogous

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



4278221445



4278286232



4282740896

Triad

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



4278286232



4288436848



4284838720

Complementary

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



4278286232



4288160257

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.



4286540859



4278286232



4288502871

Square

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



4278286232



4287389576



4287849283



4282873939

Rectangle

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



4278286232



4284640157



4287849283



4285428029

Sweetspot

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



4278286232



4287215556



4278294562



4282408035



4293125091



4284703587

Same Dimension

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



4278286232



4278229444



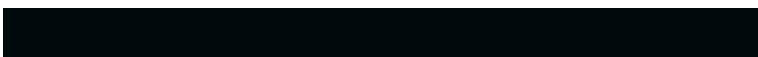
4278267032



4282731341



4278218380



4278192653

Inverse Universe

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



4288151927



4291035289



4288179457



4283254091



4287365230



4279042058

Previews

White Background



This preview shows how the Android color 4278286232 looks on a white background.

Color Contrast Check

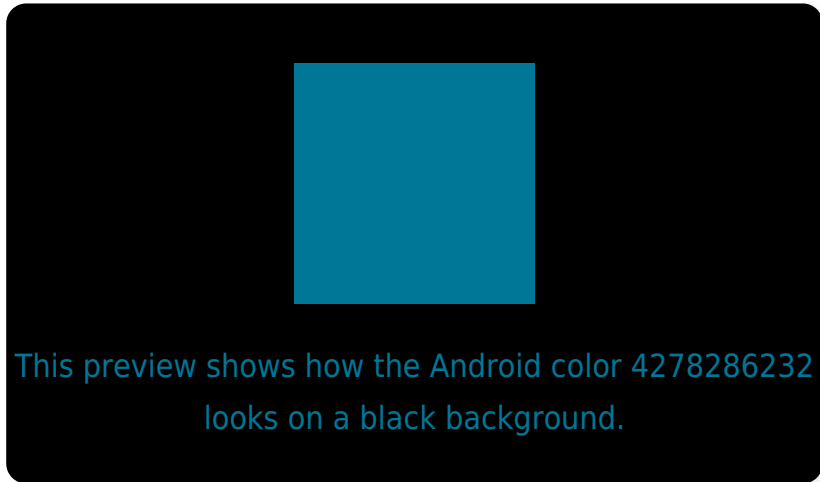
Large Text (above 18pt) WCAG AA ✓ Pass

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

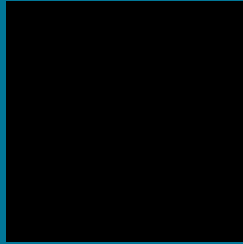
Any Text WCAG AA × Fail

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 4278286232 Background



This preview shows how black text looks on a background with the Android color 4278286232.



This preview shows how white text looks on a background with the Android color 4278286232.

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
4278286232

Protanomaly
4282413203

Deuteranomaly
4282151066

Tritanomaly
4278221195

Monochromacy



Original Color
4278286232

Achromatopsia
4283914071

Achromatomaly
4281885551

CSS Examples

Text

The CSS property to change the color of the text to Android 4278286232 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(1, 119, 152)` looks like.

```
.text, #text, p{  
    color:rgb(1, 119, 152)  
}
```

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(1, 119, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 119, 152) }
```

Border

The CSS property to change the border of an element to Android 4278286232 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(1, 119, 152) }
```

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

```
.border{ border-color:rgb(1, 119, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 119, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 119, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 119, 152);  
box-shadow:4px 4px 4px 4px rgb(1, 119,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4278286232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 119, 152) }
```

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

```
.background{ background-color: rgb(1, 119,  
152) }
```

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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