

Converting Colors

Android(4278220679)

Have a look what the booklet for
Android(4278220679) contains.

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Color

Android(4278220679)

Conversions

Conversions Part 1

Format	Color
Hex	007787
RGB	0, 119, 135
RGB Percent	0%, 47%, 53%
CMY	1.0000, 0.5333, 0.4706
CMYK	1.00, 0.12, 0.00, 0.47
HSL	187°, 100%, 26%
HSV	187°, 100%, 53%
XYZ	10.9700, 14.9429, 25.2278
YIQ	85.2430, -76.0600, -20.2520

Conversions

Conversions Part 2

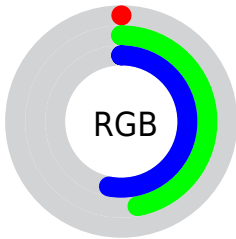
Format	Color
RYB	0, 63, 135
Decimal	30599
CIELab	45.56, -21.89, -16.71
CIELCh	46, 27.535, 217.358
Yxy	14.9429, 0.2145, 0.2922
Android (android.graphics.Color)	4278220679 (0xFF007787)
YUV	85.2430, 24.5302, -74.7581
Hunter-Lab	38.6561, -16.9926, -11.6346

Details

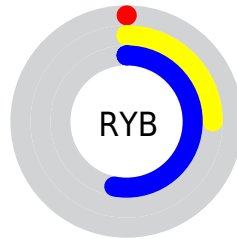
The Android color `4278220679` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4287041536`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4283608252`, and `4278208085` is the 20% darker color. If you saturate the color by 10%, you get `4278220679`, and if you desaturate by 10%, it is `4279073159`.

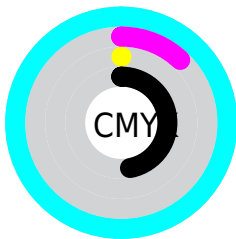
Distribution



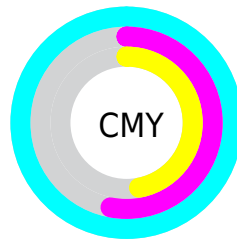
- Red (0%)
- Green (47%)
- Blue (53%)



- Red (0%)
- Yellow (25%)
- Blue (53%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220679 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 4278220679 by changing the saturation by 10% instead.

 4278220679

 4278220679

4294967295

 4278214254

 4283608252

 4278208085

 4285515736

 4278202174

 4287423476

 4278197288

 4289331199

 4278190355

 4291231743

 4278190080


 4293132287

 4278220679

 4279073159

 4279990919

 4280908935

 4281761159

 4282679175

 4283531655

 4284383879

 4285301895

 4286219655

Harmonies

Analogous

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



4280186993



4278220679



4280972182

Triad

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



4278220679



4287454334



4285885502

Complementary

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



4278220679



4287041536

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.



4287259714



4278220679



4288174695

Square

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



4278220679



4285949072



4288044369



4284314438

Rectangle

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



4278220679



4282806169



4288044369



4286409278

Sweetspot

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



4278220679



4286294704



4278224656



4281947481



4292467161



4284045657

Same Dimension

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



4278220679



4278229936



4278203527



4282139202



4278219650



4278190595

Inverse Universe

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



4287037559



4289724571



4287058688



4282530882



4286709875



4278386690

Previews

White Background



This preview shows how the Android color 4278220679 looks on a white background.

Color Contrast Check

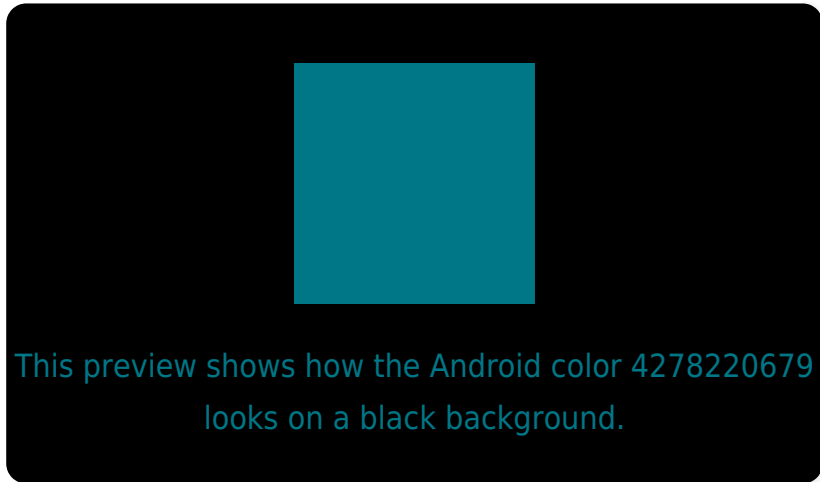
Large Text (above 18pt) WCAG AA ✓ Pass

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

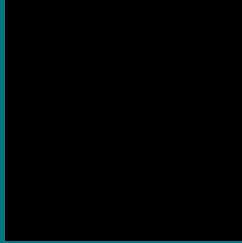
Any Text WCAG AA × Fail

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 4278220679 Background



This preview shows how black text looks on a background with the Android color 4278220679.



This preview shows how white text looks on a background with the Android color 4278220679.

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
4278220679

Protanomaly
4282544002

Deuteranomaly
4282478473

Tritanomaly
4278220931

Monochromacy



Original Color
4278220679

Achromatopsia
4283782485

Achromatomaly
4281753959

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220679 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, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 135)  
}
```

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, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 135) }
```

Border

The CSS property to change the border of an element to Android 4278220679 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, 119, 135) }
```

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

```
.border{ border-color:rgb(0, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4278220679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 135) }
```

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

```
.background{ background-color: rgb(0, 119,  
135) }
```

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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