

Converting Colors

Android(4278220686)

Have a look what the booklet for
Android(4278220686) contains.

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Color

Android(4278220686)

Conversions

Conversions Part 1

Format	Color
Hex	00778E
RGB	0, 119, 142
RGB Percent	0%, 47%, 56%
CMY	1.0000, 0.5333, 0.4431
CMYK	1.00, 0.16, 0.00, 0.44
HSL	190°, 100%, 28%
HSV	190°, 100%, 56%
XYZ	11.4793, 15.1466, 27.9098
YIQ	86.0410, -78.3070, -18.0750

Conversions

Conversions Part 2

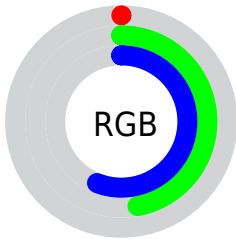
Format	Color
RYB	0, 65, 142
Decimal	30606
CIELab	45.83, -19.38, -20.44
CIELCh	46, 28.161, 226.523
Yxy	15.1466, 0.2105, 0.2777
Android (android.graphics.Color)	4278220686 (0xFF00778E)
YUV	86.0410, 27.5878, -75.4580
Hunter-Lab	38.9187, -15.4580, -15.2755

Details

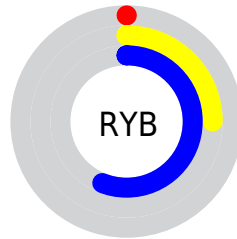
The Android color `4278220686` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4287502080`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4283673540`, and `4278208092` is the 20% darker color. If you saturate the color by 10%, you get `4278220686`, and if you desaturate by 10%, it is `4279138702`.

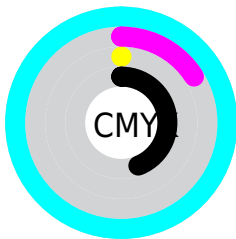
Distribution



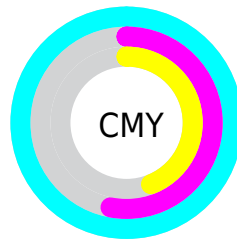
- Red (0%)
- Green (47%)
- Blue (56%)



- Red (0%)
- Yellow (25%)
- Blue (56%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220686 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 4278220686 by changing the saturation by 10% instead.

 4278220686

 4278220686

4294967295

 4278214260

 4283673540

 4278208092

 4285646816

 4278202436

 4287554556

 4278197294

 4289462271

 4278190361

 4291362815

 4278190080

 4293263359

 4278220686

 4279138702

■ 4280056974

■ 4281040526

■ 4281958542

■ 4282876814

■ 4283794830

■ 4284712846

■ 4285696398

■ 4286614670

Harmonies

Analogous

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



4279007609



4278220686



4281758362

Triad

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



4278220686



4287912824



4285493055

Complementary

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



4278220686



4287502080

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.



4286932799



4278220686



4288305760

Square

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



4278220686



4286538381



4287979339



4283725131

Rectangle

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



4278220686



4283592091



4287979339



4286016829

Sweetspot

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



4278220686



4286689208



4278226453



4282078812



4292598747



4284243036

Same Dimension

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



4278220686



4278229688



4278203022



4282402375



4278219143



4278191624

Inverse Universe

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



4287496311



4290248858



4287519744



4282859590



4287037553



4278714374

Previews

White Background



This preview shows how the Android color 4278220686 looks on a white background.

Color Contrast Check

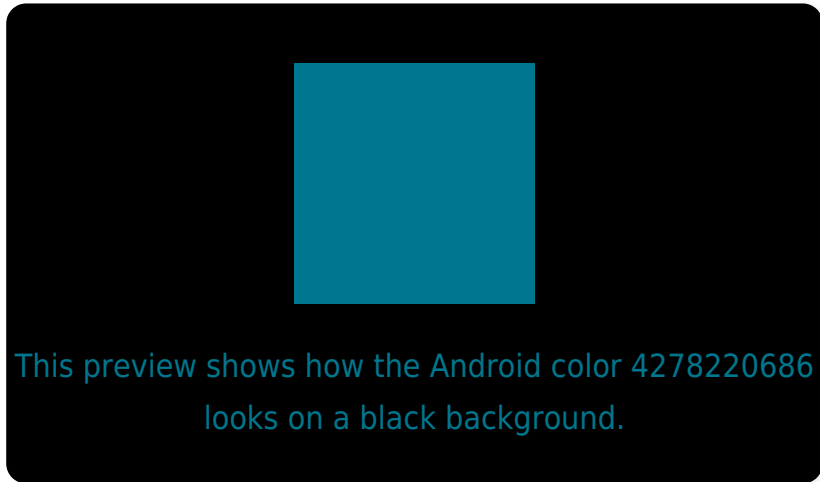
Large Text (above 18pt) WCAG AA ✓ Pass

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

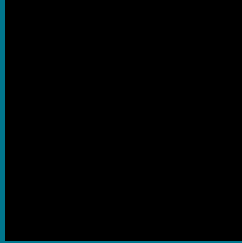
Any Text WCAG AA × Fail

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 4278220686 Background



This preview shows how black text looks on a background with the Android color 4278220686.



This preview shows how white text looks on a background with the Android color 4278220686.

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
4278220686

Protanomaly
4282478473

Deuteranomaly
4282347408

Tritanomaly
4278220934

Monochromacy



Original Color
4278220686

Achromatopsia
4283848278

Achromatomaly
4281819754

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220686 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 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(0, 119, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 142) }
```

Border

The CSS property to change the border of an element to Android 4278220686 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, 142) }
```

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

```
.border{ border-color:rgb(0, 119, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4278220686 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, 142) }
```

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

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