

Converting Colors

Android(4278220431)

Have a look what the booklet for
Android(4278220431) contains.

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Color

Android(4278220431)

Conversions

Conversions Part 1

Format	Color
Hex	00768F
RGB	0, 118, 143
RGB Percent	0%, 46%, 56%
CMY	1.0000, 0.5373, 0.4392
CMYK	1.00, 0.17, 0.00, 0.44
HSL	190°, 100%, 28%
HSV	190°, 100%, 56%
XYZ	11.4364, 14.9400, 28.2676
YIQ	85.5680, -78.3530, -17.2410

Conversions

Conversions Part 2

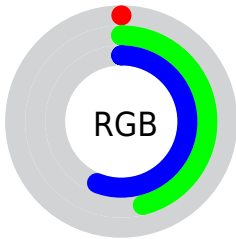
Format	Color
RYB	0, 65, 143
Decimal	30351
CIELab	45.55, -18.47, -21.46
CIELCh	46, 28.314, 229.290
Yxy	14.9400, 0.2093, 0.2734
Android (android.graphics.Color)	4278220431 (0xFF00768F)
YUV	85.5680, 28.3140, -75.0431
Hunter-Lab	38.6523, -14.8275, -16.3038

Details

The Android color `4278220431` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4287568128`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4283673285`, and `4278207837` is the 20% darker color. If you saturate the color by 10%, you get `4278220431`, and if you desaturate by 10%, it is `4279138447`.

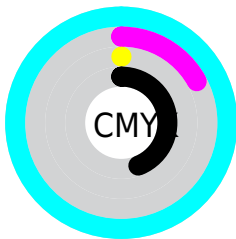
Distribution



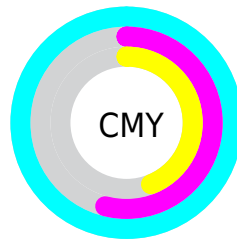
- Red (0%)
- Green (46%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220431 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 4278220431 by changing the saturation by 10% instead.

 4278220431

 4278220431

4294967295

 4278214005

 4283673285

 4278207837

 4285646561


 4278202181

 4287554302

 4278197294

 4289462015

 4278190362

 4291362815

 4278190080


 4293263359

 4278220431

 4279138447

 4280122255

 4281040271

 4281958543

 4282942351

 4283860367

 4284778639

 4285696655

 4286680463

Harmonies

Analogous

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



4278351995



4278220431



4281954714

Triad

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



4278220431



4287912565



4285296446

Complementary

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



4278220431



4287568128

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.



4286801725



4278220431



4288305757

Square

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



4278220431



4286668939



4287848265



4283528524

Rectangle

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



4278220431



4283788442



4287848265



4285820220

Sweetspot

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



4278220431



4286755002



4278226712



4282144862



4292796126



4284374622

Same Dimension

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



4278220431



4278229690



4278202511



4282402375



4278218887



4278191624

Inverse Universe

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



4287561846



4290379930



4287586048



4282859590



4287037552



4278714374

Previews

White Background



This preview shows how the Android color 4278220431 looks on a white background.

Color Contrast Check

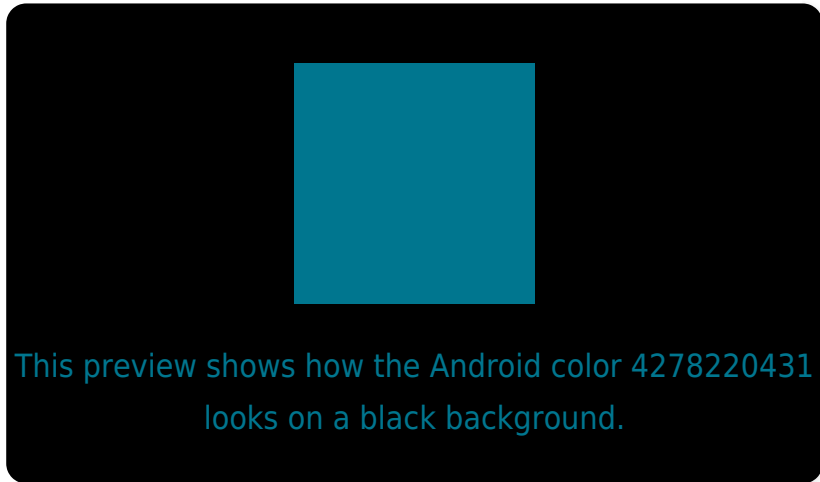
Large Text (above 18pt) WCAG AA ✓ Pass

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

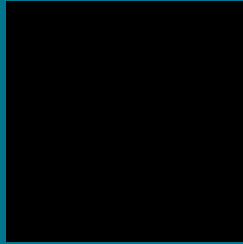
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

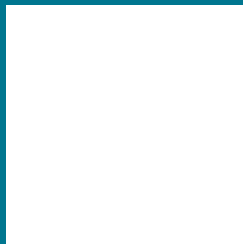
Any Text WCAG AAA × Fail

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

Android 4278220431 Background



This preview shows how black text looks on a background with the Android color 4278220431.



This preview shows how white text looks on a background with the Android color 4278220431.

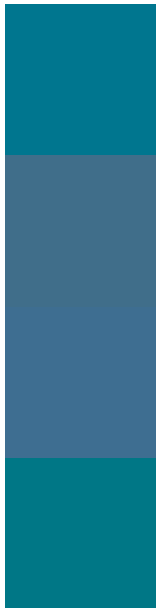
Color Blindness Simulation

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
4278220431

Protanomaly
4282412682

Deuteranomaly
4282281617

Tritanomaly
4278220678

Monochromacy



Original Color
4278220431

Achromatopsia
4283848278

Achromatomaly
4281819755

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220431 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, 118, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 143)  
}
```

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, 118, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 143) }
```

Border

The CSS property to change the border of an element to Android 4278220431 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, 118, 143) }
```

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

```
.border{ border-color:rgb(0, 118, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4278220431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 143) }
```

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

```
.background{ background-color: rgb(0, 118,  
143) }
```

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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