

Converting Colors

Android(4278220191)

Have a look what the booklet for
Android(4278220191) contains.

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Color

Android(4278220191)

Conversions

Conversions Part 1

Format	Color
Hex	00759F
RGB	0, 117, 159
RGB Percent	0%, 46%, 62%
CMY	1.0000, 0.5412, 0.3765
CMYK	1.00, 0.26, 0.00, 0.38
HSL	196°, 100%, 31%
HSV	196°, 100%, 62%
XYZ	12.6193, 15.2258, 35.0747
YIQ	86.8050, -83.2140, -11.7420

Conversions

Conversions Part 2

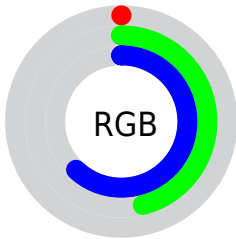
Format	Color
RYB	0, 67, 159
Decimal	30111
CIELab	45.94, -11.92, -30.30
CIELCh	46, 32.563, 248.536
Yxy	15.2258, 0.2006, 0.2420
Android (android.graphics.Color)	4278220191 (0xFF00759F)
YUV	86.8050, 35.5921, -76.1280
Hunter-Lab	39.0202, -10.5578, -25.9807

Details

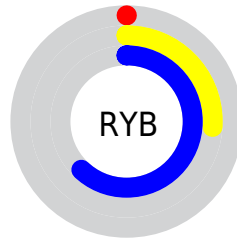
The Android color `4278220191` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288621056`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4283935190`, and `4278207851` is the 20% darker color. If you saturate the color by 10%, you get `4278220191`, and if you desaturate by 10%, it is `4279269791`.

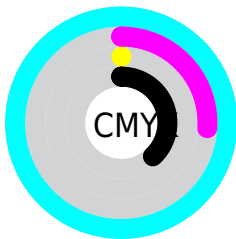
Distribution



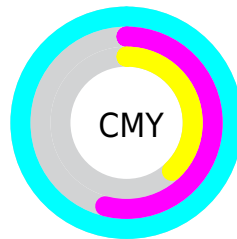
- Red (0%)
- Green (46%)
- Blue (62%)



- Red (0%)
- Yellow (26%)
- Blue (62%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220191 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 4278220191 by changing the saturation by 10% instead.



4278220191



4278220191

4294967295



4278213765



4283935190



4278207851



4285908210



4278202195



4287815935



4278197051



4289723903



4278190630



4291690495



4278190350



4293656575



4278190080



4278220191



4279269791

■ 4280319391

■ 4281369247

■ 4282418847

■ 4283468447

■ 4284452511

■ 4285502111

■ 4286551967

■ 4287601567

Harmonies

Analogous

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



4278221454



4278220191



4283395491

Triad

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



4278220191



4288698214



4284052801

Complementary

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



4278220191



4288621056

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.



4285951542



4278220191



4288502604

Square

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



4278220191



4287978113



4287521850



4281629016

Rectangle

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



4278220191



4285359773



4287521850



4284707643

Sweetspot

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



4278220191



4287741647



4278230824



4282605417



4293454056



4285098345

Same Dimension

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



4278220191



4278229199



4278200479



4282862927



4278217103



4278192911

Inverse Universe

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



4288610421



4291756184



4288640768



4283385677



4287561833



4279173131

Previews

White Background



This preview shows how the Android color 4278220191 looks on a white background.

Color Contrast Check

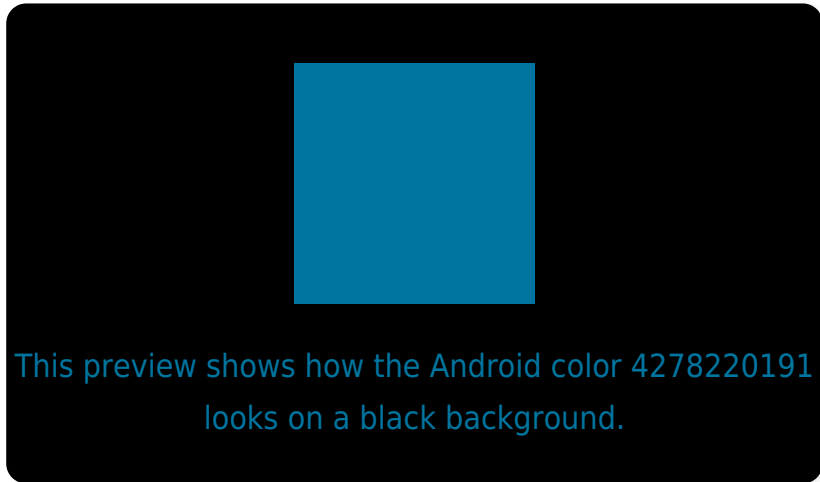
Large Text (above 18pt) WCAG AA ✓ Pass

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

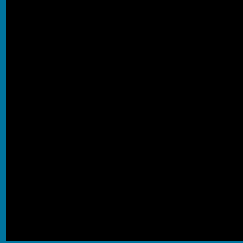
Any Text WCAG AA × Fail

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 4278220191 Background



This preview shows how black text looks on a background with the Android color 4278220191.



This preview shows how white text looks on a background with the Android color 4278220191.

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
4278220191

Protanomaly
4282150810

Deuteranomaly
4281757600

Tritanomaly
4278220941

Monochromacy



Original Color
4278220191

Achromatopsia
4283914071

Achromatomaly
4281819761

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220191 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, 117, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 159)  
}
```

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, 117, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 159) }
```

Border

The CSS property to change the border of an element to Android 4278220191 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, 117, 159) }
```

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

```
.border{ border-color:rgb(0, 117, 159) }
```

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

Here you see how a box with a 4 pixel rgb(0, 117, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 117,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4278220191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 159) }
```

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

```
.background{ background-color: rgb(0, 117,  
159) }
```

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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