

Converting Colors

Android(4278220700)

Have a look what the booklet for
Android(4278220700) contains.

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Color

Android(4278220700)

Conversions

Conversions Part 1

Format	Color
Hex	00779C
RGB	0, 119, 156
RGB Percent	0%, 47%, 61%
CMY	1.0000, 0.5333, 0.3882
CMYK	1.00, 0.24, 0.00, 0.39
HSL	194°, 100%, 31%
HSV	194°, 100%, 61%
XYZ	12.5976, 15.5940, 33.7985
YIQ	87.6370, -82.8010, -13.7210

Conversions

Conversions Part 2

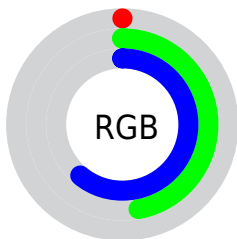
Format	Color
RYB	0, 68, 156
Decimal	30620
CIELab	46.44, -14.20, -27.77
CIELCh	46, 31.186, 242.921
Yxy	15.5940, 0.2032, 0.2516
Android (android.graphics.Color)	4278220700 (0xFF00779C)
YUV	87.6370, 33.7030, -76.8576
Hunter-Lab	39.4892, -12.1622, -23.1034

Details

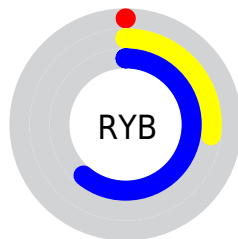
The Android color `4278220700` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288423168`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4283870163`, and `4278208361` is the 20% darker color. If you saturate the color by 10%, you get `4278220700`, and if you desaturate by 10%, it is `4279270300`.

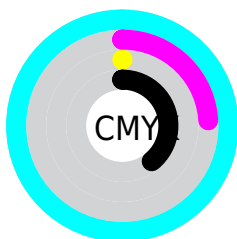
Distribution



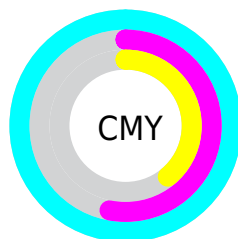
- Red (0%)
- Green (47%)
- Blue (61%)



- Red (0%)
- Yellow (27%)
- Blue (61%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220700 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 4278220700 by changing the saturation by 10% instead.

 4278220700

 4278220700

4294967295

 4278214274

 4283870163

 4278208361

 4285843439

 4278202448

 4287751167

 4278197305

 4289724415

 4278190627

 4291624959

 4278190091

 4293591039

 4278190080

 4278220700

 4279270300

■ 4280254108

■ 4281303708

■ 4282287772

■ 4283337372

■ 4284386716

■ 4285370780

■ 4286420380

■ 4287404188

Harmonies

Analogous

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



4278221706



4278220700



4283068578

Triad

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



4278220700



4288633196



4284577089

Complementary

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



4278220700



4288423168

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.



4286344505



4278220700



4288568403

Square

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



4278220700



4287716742



4287784000



4282415701

Rectangle

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



4278220700



4284967582



4287784000



4285166397

Sweetspot

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



4278220700



4287610316



4278230052



4282473830



4293322470



4284900966

Same Dimension

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



4278220700



4278230220



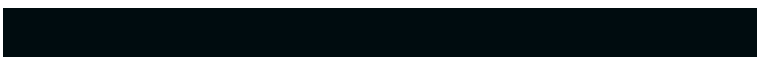
4278200988



4282862927



4278218127



4278193167

Inverse Universe

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



4288413815



4291559580



4288442880



4283385677



4287561837



4279173132

Previews

White Background



This preview shows how the Android color 4278220700 looks on a white background.

Color Contrast Check

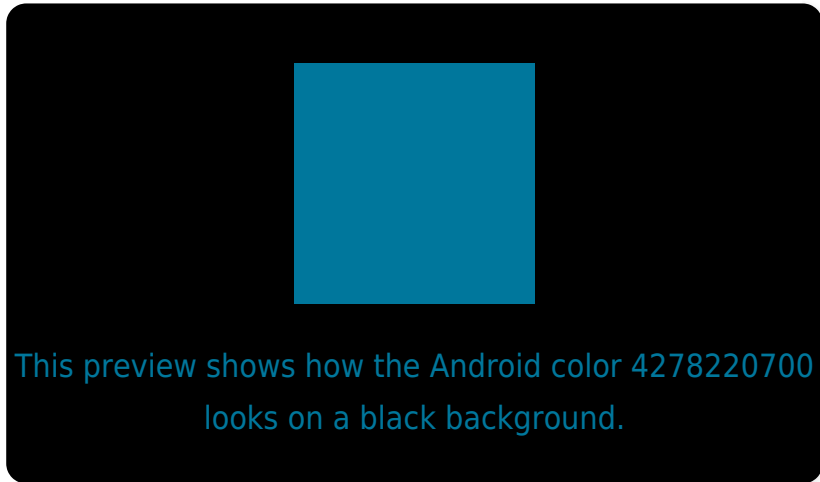
Large Text (above 18pt) WCAG AA ✓ Pass

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

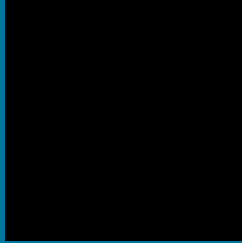
Any Text WCAG AA × Fail

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 4278220700 Background



This preview shows how black text looks on a background with the Android color 4278220700.



This preview shows how white text looks on a background with the Android color 4278220700.

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
4278220700

Protanomaly
4282347671

Deuteranomaly
4282020253

Tritanomaly
4278221196

Monochromacy



Original Color
4278220700

Achromatopsia
4283979864

Achromatomaly
4281885553

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220700 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 156) }
```

Border

The CSS property to change the border of an element to Android 4278220700 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, 156) }
```

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

```
.border{ border-color:rgb(0, 119, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4278220700 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, 156) }
```

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

```
.background{ background-color: rgb(0, 119,  
156) }
```

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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