

Converting Colors

Android(4278616220)

Have a look what the booklet for
Android(4278616220) contains.

Android(4278616220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278616220)

Conversions

Conversions Part 1

Format	Color
Hex	06809C
RGB	6, 128, 156
RGB Percent	2%, 50%, 61%
CMY	0.9765, 0.4980, 0.3882
CMYK	0.96, 0.18, 0.00, 0.39
HSL	191°, 93%, 32%
HSV	191°, 96%, 61%
XYZ	13.7950, 17.8774, 34.1761
YIQ	94.7140, -81.7000, -17.1560

Conversions

Conversions Part 2

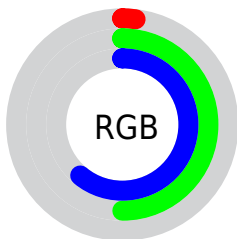
Format	Color
RYB	6, 73, 156
Decimal	426140
CIELab	49.35, -18.90, -23.25
CIELCh	49, 29.968, 230.889
Yxy	17.8774, 0.2095, 0.2715
Android (android.graphics.Color)	4278616220 (0xFF06809C)
YUV	94.7140, 30.2140, -77.8022
Hunter-Lab	42.2816, -15.7545, -18.3268

Details

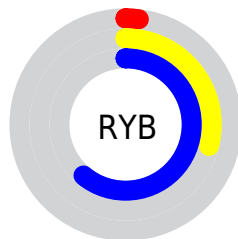
The Android color `4278616220` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4288422406`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284069331`, and `4278210409` is the 20% darker color. If you saturate the color by 10%, you get `4278222748`, and if you desaturate by 10%, it is `4279665564`.

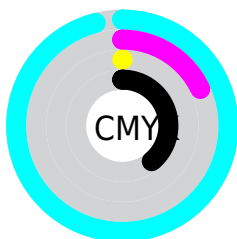
Distribution



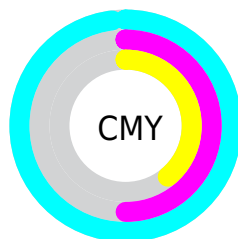
- Red (2%)
- Green (50%)
- Blue (61%)



- Red (2%)
- Yellow (29%)
- Blue (61%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (39%)



- Cyan (98%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278616220 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 4278616220 by changing the saturation by 10% instead.

 4278616220

 4278616220

4294967295

 4278216578

 4284069331

 4278210409

 4286042607

 4278204496

 4287950335

 4278198841

 4289855487

 4278190628

 4291821567

 4278190092

 4293787647

 4278190080

 4278616220

 4278616220

 4278222748

 4279665564

■ 4280649372

■ 4281698716

■ 4282682524

■ 4283731868

■ 4284780956

■ 4285764764

■ 4286814108

■ 4287797916

Harmonies

Analogous

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



4278223751



4278616220



4282481319

Triad

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



4278616220



4288766590



4285823301

Complementary

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



4278616220



4288422406

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.



4287459651



4278616220



4289159780

Square

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



4278616220



4287522966



4288637007



4283924308

Rectangle

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



4278616220



4284446119



4288637007



4286412611

Sweetspot

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



4278616220



4287742412



4278623265



4282539878



4293322470



4284900966

Same Dimension

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



4278616220



4278232780



4278597020



4282863183



4278219919



4278193167

Inverse Universe

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



4288415360



4291559590



4288441606



4283385678



4287561844



4279173132

Previews

White Background



This preview shows how the Android color 4278616220 looks on a white background.

Color Contrast Check

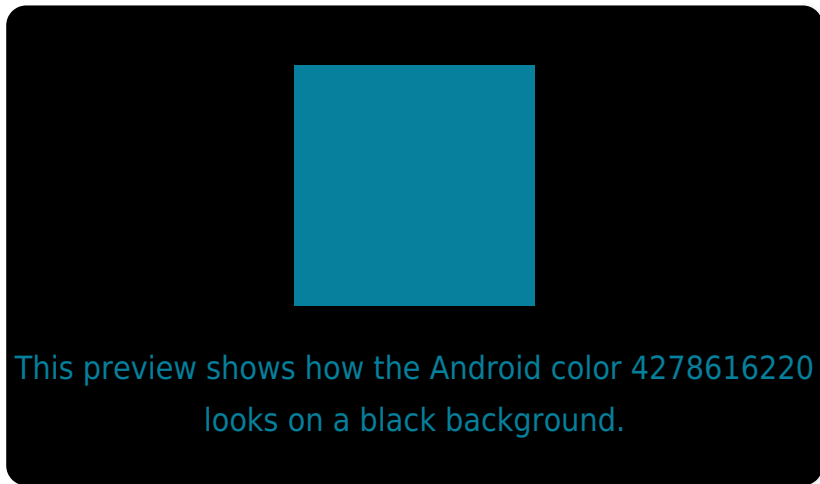
Large Text (above 18pt) WCAG AA ✓ Pass

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

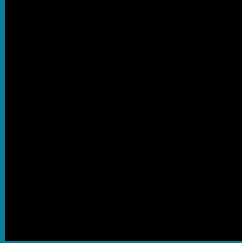
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4278616220 Background



This preview shows how black text looks on a background with the Android color 4278616220.

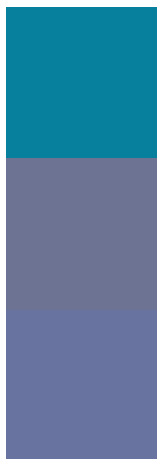


This preview shows how white text looks on a background with the Android color 4278616220.

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



Original Color
4278616220

Protanopia
4285363347

Deuteranopia
4285035423

Trichromacy



Original Color
4278616220

Protanomaly
4282939542

Deuteranomaly
4282677406

Tritanomaly
4278354322

Monochromacy



Original Color
4278616220

Achromatopsia
4284440415

Achromatomaly
4282346357

CSS Examples

Text

The CSS property to change the color of the text to Android 4278616220 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(6, 128, 156)` looks like.

```
.text, #text, p{  
    color:rgb(6, 128, 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(6, 128, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 128, 156) }
```

Border

The CSS property to change the border of an element to Android 4278616220 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(6, 128, 156) }
```

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

```
.border{ border-color:rgb(6, 128, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 128, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 128, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 128, 156);  
box-shadow:4px 4px 4px 4px rgb(6, 128,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4278616220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 128, 156) }
```

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

```
.background{ background-color: rgb(6, 128,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor