

Converting Colors

Android(4279203221)

Have a look what the booklet for
Android(4279203221) contains.

Android(4279203221)	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(4279203221)

Conversions

Conversions Part 1

Format	Color
Hex	0F7595
RGB	15, 117, 149
RGB Percent	6%, 46%, 58%
CMY	0.9412, 0.5412, 0.4157
CMYK	0.90, 0.21, 0.00, 0.42
HSL	194°, 82%, 32%
HSV	194°, 90%, 58%
XYZ	11.9831, 14.9941, 30.6963
YIQ	90.1500, -71.0640, -11.6720

Conversions

Conversions Part 2

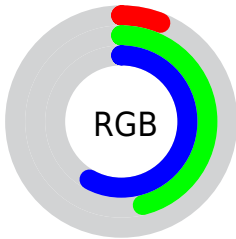
Format	Color
RYB	15, 73, 149
Decimal	1013141
CIELab	45.63, -14.91, -24.89
CIElCh	46, 29.016, 239.068
Yxy	14.9941, 0.2078, 0.2600
Android (android.graphics.Color)	4279203221 (0xFF0F7595)
YUV	90.1500, 29.0130, -65.9066
Hunter-Lab	38.7222, -12.5245, -19.8956

Details

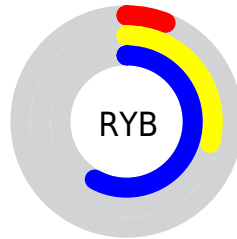
The Android color `4279203221` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287966991`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284000715`, and `4278207842` is the 20% darker color. If you saturate the color by 10%, you get `4278219157`, and if you desaturate by 10%, it is `4280187285`.

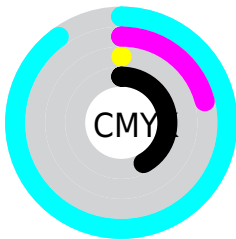
Distribution



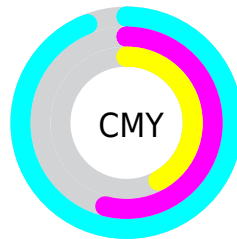
- Red (6%)
- Green (46%)
- Blue (58%)



- Red (6%)
- Yellow (29%)
- Blue (58%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279203221 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 4279203221 by changing the saturation by 10% instead.



4279203221



4279203221

4294967295



4278213755



4284000715



4278207842



4285973735



4278201930



4287815935



4278197043



4289723903



4278190622



4291690495



4278190080



4293591039



4279203221



4279203221



4278219157



4280187285

■ 4281171093

■ 4282155157

■ 4283138965

■ 4284123029

■ 4285041301

■ 4286025365

■ 4287009173

■ 4287993237

Harmonies

Analogous

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



4278220931



4279203221



4282806172

Triad

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



4279203221



4288239982



4284707393

Complementary

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



4279203221



4287966991

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.



4286343739



4279203221



4288306006

Square

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



4279203221



4287257989



4287652419



4282807890

Rectangle

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



4279203221



4284574106



4287652419



4285296445

Sweetspot

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



4279203221



4287477186



4279211310



4282538337



4292927712



4284572001

Same Dimension

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



4279203221



4278228162



4279186325



4282599498



4278217098



4278192138

Inverse Universe

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



4287958901



4290904212



4287983887



4283056968



4287234153



4278845448

Previews

White Background



This preview shows how the Android color 4279203221 looks on a white background.

Color Contrast Check

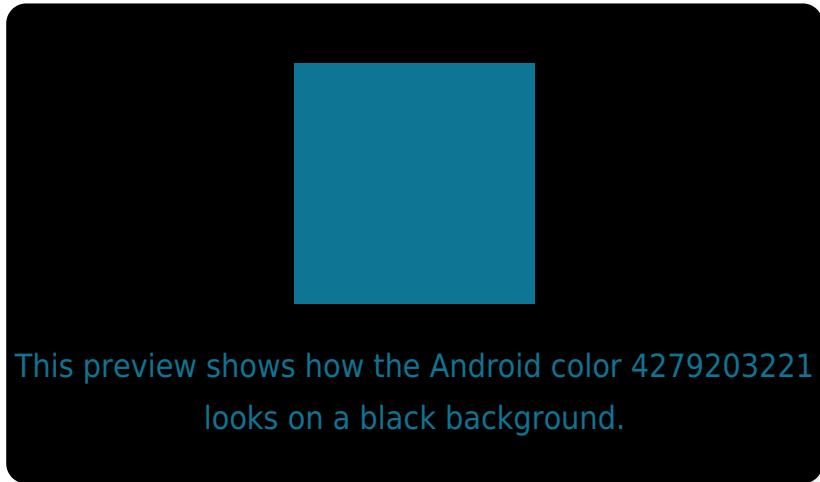
Large Text (above 18pt) WCAG AA ✓ Pass

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

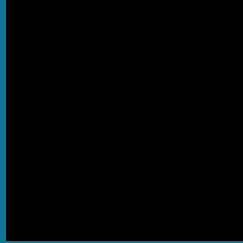
Any Text WCAG AA × Fail

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 4279203221 Background



This preview shows how black text looks on a background with the Android color 4279203221.

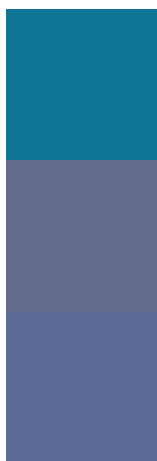


This preview shows how white text looks on a background with the Android color 4279203221.

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
4279203221

Protanopia
4284639885

Deuteranopia
4284246679

Trichromacy



Original Color
4279203221

Protanomaly
4282674832

Deuteranomaly
4282412694

Tritanomaly
4278548360

Monochromacy



Original Color
4279203221

Achromatopsia
4284111450

Achromatomaly
4282344559

CSS Examples

Text

The CSS property to change the color of the text to Android 4279203221 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(15, 117, 149)` looks like.

```
.text, #text, p{  
    color:rgb(15, 117, 149)  
}
```

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(15, 117, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 117, 149) }
```

Border

The CSS property to change the border of an element to Android 4279203221 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(15, 117, 149) }
```

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

```
.border{ border-color:rgb(15, 117, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 117, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 117, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 117, 149);  
box-shadow:4px 4px 4px 4px rgb(15, 117,  
149) }
```

Background

The CSS property to change the background color of an element to Android 4279203221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 117, 149) }
```

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

```
.background{ background-color: rgb(15, 117,  
149) }
```

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