

# Converting Colors

Android(4279670194)

Have a look what the booklet for  
Android(4279670194) contains.

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# Color

**Android(4279670194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1695B2
RGB	22, 149, 178
RGB Percent	9%, 58%, 70%
CMY	0.9137, 0.4157, 0.3020
CMYK	0.88, 0.16, 0.00, 0.30
HSL	191°, 78%, 39%
HSV	191°, 88%, 70%
XYZ	19.1142, 24.8798, 45.9143
YIQ	114.3330, -85.0010, -17.9050

# Conversions

## Conversions Part 2

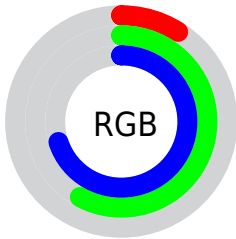
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 92, 178
Decimal	1480114
CIE <sub>Lab</sub>	56.96, -21.54, -24.19
CIE <sub>LCh</sub>	57, 32.386, 228.318
Yxy	24.8798, 0.2126, 0.2767
Android (android.graphics.Color)	4279670194 (0xFF1695B2)
YUV	114.3330, 31.3878, -80.9760
Hunter-Lab	49.8797, -18.8871, -19.6608

# Details

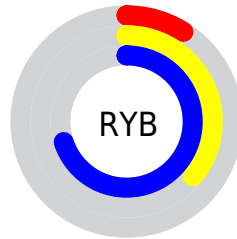
The Android color `4279670194` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289868566`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4284730346`, and `4278215293` is the 20% darker color. If you saturate the color by 10%, you get `4278489778`, and if you desaturate by 10%, it is `4280850610`.

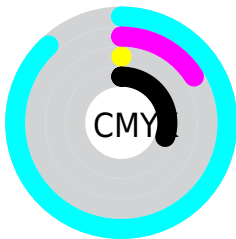
# Distribution



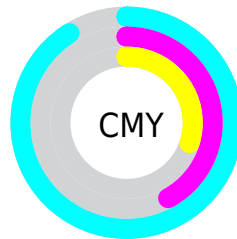
- Red (9%)
- Green (58%)
- Blue (70%)



- Red (9%)
- Yellow (36%)
- Blue (70%)



- Cyan (88%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (91%)
- Magenta (42%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279670194 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 4279670194 by changing the saturation by 10% instead.



 4279670194

 4279670194

4294967295

 4278221719

 4284730346

 4278215293

 4286769407

 4278209124

 4288741375

 4278203212

 4290707455

 4278198069

 4292673535

 4278190624

 4294639615

 4278190084

 4278190080

 4279670194

 4279670194

■ 4278489778

■ 4280850610

■ 4278227378

■ 4282031282

■ 4283146162

■ 4284326578

■ 4285507250

■ 4286687666

■ 4287868082

■ 4288982962

■ 4290163634

# Harmonies

## Analogous

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



4279867545



4279670194



4283207615

# Triad

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



4279670194



4290344085



4287269970

# Complementary

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



4279670194



4289868566

# 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.



4289037137



4279670194



4290802552

# Square

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



4279670194



4288773038



4290280032



4285174626

# Rectangle

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



4279670194



4285368768



4290280032



4287924816



# Sweetspot

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



4279670194



4289519080



4279677491



4283527029



4294309365



4285887861



# Same Dimension

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



4279670194



4278238696



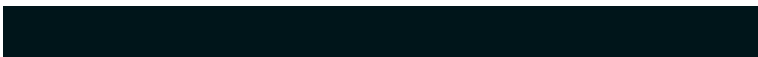
4279650226



4283455577



4278222233



4278195482



# Inverse Universe

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



4289861269



4293394621



4289888534



4284043352



4288217213



4279894037



# Previews

## White Background



This preview shows how the Android color 4279670194 looks on a white background.

## Color Contrast Check

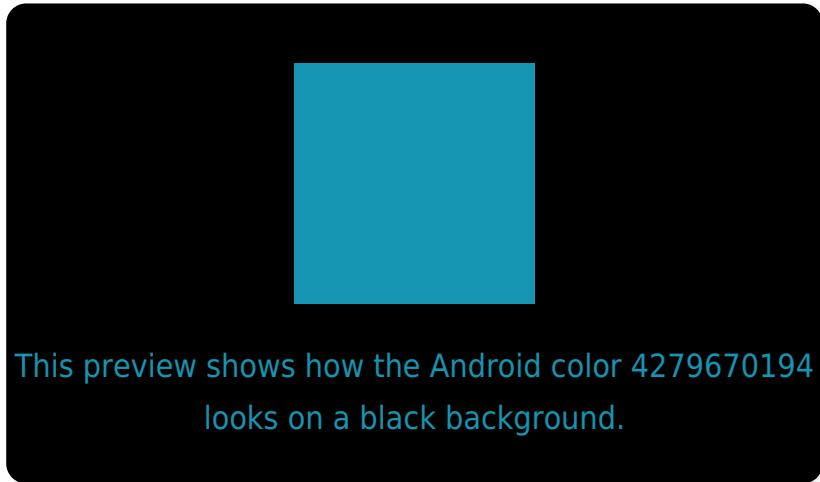
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

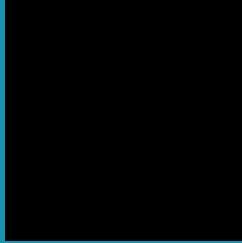
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279670194 Background



This preview shows how black text looks on a background with the Android color 4279670194.



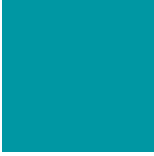
This preview shows how white text looks on a background with the Android color 4279670194.

# 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**

4279670194



**Protanomaly**

4284058540



**Deuteranomaly**

4283927476



**Tritanomaly**

4278752936

# Monochromacy



**Original Color**

4279670194



**Achromatopsia**

4285690482



**Achromatomaly**

4283531145

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279670194 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(22, 149, 178)` looks like.

```
.text, #text, p{  
    color:rgb(22, 149, 178)  
}
```

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(22, 149, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 149, 178) }
```

## Border

The CSS property to change the border of an element to Android 4279670194 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(22, 149, 178) }
```

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

```
.border{ border-color:rgb(22, 149, 178) }
```

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

Here you see how a box with a 4 pixel rgb(22, 149, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 149, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 149, 178);  
box-shadow:4px 4px 4px 4px rgb(22, 149,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4279670194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 149, 178) }
```

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

```
.background{ background-color: rgb(22, 149,  
178) }
```

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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