

# Converting Colors

Android(4284912020)

Have a look what the booklet for  
Android(4284912020) contains.

<b>Android(4284912020)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4284912020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	669194
RGB	102, 145, 148
RGB Percent	40%, 57%, 58%
CMY	0.6000, 0.4314, 0.4196
CMYK	0.31, 0.02, 0.00, 0.42
HSL	184°, 18%, 49%
HSV	184°, 31%, 58%
XYZ	20.9502, 25.2137, 31.7795
YIQ	132.4850, -26.5910, -8.1830

# Conversions

## Conversions Part 2

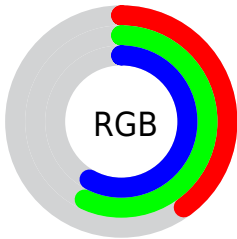
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 124, 148
Decimal	6721940
CIE <sub>Lab</sub>	57.28, -13.84, -6.32
CIE <sub>LCh</sub>	57, 15.216, 204.524
Yxy	25.2137, 0.2688, 0.3235
Android (android.graphics.Color)	4284912020 (0xFF669194)
YUV	132.4850, 7.6489, -26.7353
Hunter-Lab	50.2132, -13.3986, -2.3748

# Details

The Android color `4284912020` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4287916390`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4288399306`, and `4281622113` is the 20% darker color. If you saturate the color by 10%, you get `4283928724`, and if you desaturate by 10%, it is `4285895316`.

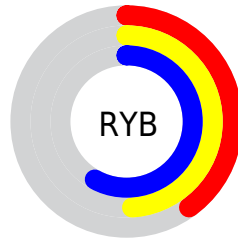
# Distribution



Red (40%)

Green (57%)

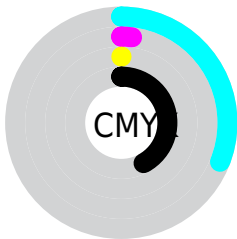
Blue (58%)



Red (40%)

Yellow (49%)

Blue (58%)

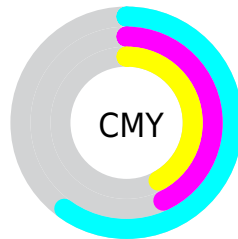


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (43%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284912020 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 4284912020 by changing the saturation by 10% instead.





4284912020



4284912020

4294967295



4283266938



4288399306



4281622113



4290175974



4279977802



4292018175



4278202419



4293918719



4278197278



4278190084



4278190080



4284912020



4284912020



4283928724



4285895316

■ 4282945428

■ 4286878612

■ 4282027668

■ 4287796372

■ 4281044372

■ 4288779668

■ 4280061076

■ 4289762964

■ 4279077780

■ 4290746260

■ 4278225556

■ 4291729556

■ 4292647316

■ 4293630612

# Harmonies

## Analogous

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



4285305223



4284912020



4285173663

# Triad

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



4284912020



4288250777



4288055407

# Complementary

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



4284912020



4287916390

# 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.



4288775284



4284912020



4288905356

# Square

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



4284912020



4287203234



4289036671



4287138929

# Rectangle

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



4284912020



4285697443



4289036671



4288317040



# Sweetspot

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



4284912020



4289642175



4284912744



4283850849



4292927712



4284572001



# Same Dimension

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



4284912020



4286102463



4284906388



4282599754



4278223242



4278192650



# Inverse Universe

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



4287915665



4290738363



4287922022



4283056969



4287234177



4278845450



# Previews

## White Background



This preview shows how the Android color 4284912020 looks on a white background.

## Color Contrast Check

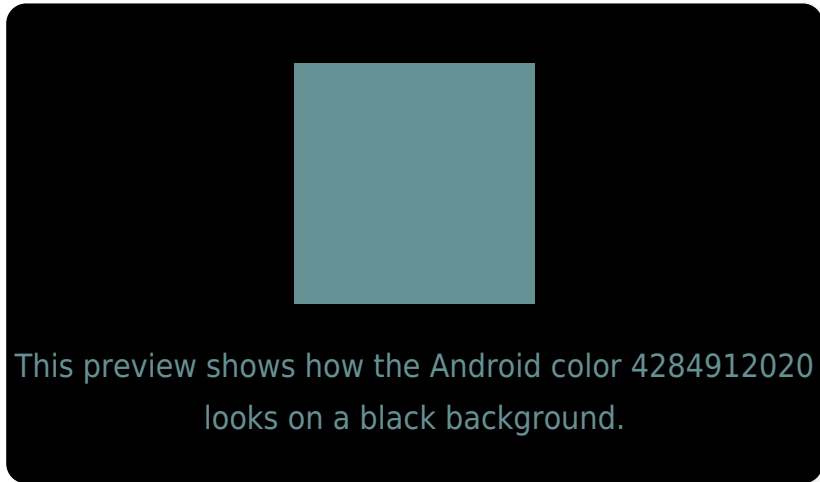
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284912020 Background



This preview shows how black text looks on a background with the Android color 4284912020.

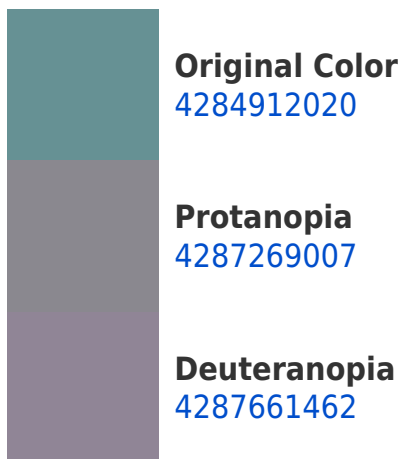


This preview shows how white text looks on a background with the Android color 4284912020.

# Color Blindness Simulation

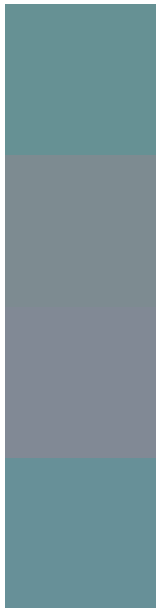
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4284912020

**Protanomaly**  
4286417809

**Deuteranomaly**  
4286679445

**Tritanomaly**  
4284977304

# Monochromacy



**Original Color**  
4284912020

**Achromatopsia**  
4286874756

**Achromatomaly**  
4286155146

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284912020 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(102, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 148)  
}
```

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(102, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 148) }
```

## Border

The CSS property to change the border of an element to Android 4284912020 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(102, 145, 148) }
```

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

```
.border{ border-color:rgb(102, 145, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(102, 145,  
148) }
```

# Background

The CSS property to change the background color of an element to Android 4284912020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 145, 148) }
```

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

```
.background{ background-color: rgb(102,  
145, 148) }
```

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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