

# Converting Colors

Android(4284919718)

Have a look what the booklet for  
Android(4284919718) contains.

<b>Android(4284919718)</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(4284919718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66AFA6
RGB	102, 175, 166
RGB Percent	40%, 69%, 65%
CMY	0.6000, 0.3137, 0.3490
CMYK	0.42, 0.00, 0.05, 0.31
HSL	173°, 31%, 54%
HSV	173°, 42%, 69%
XYZ	27.6924, 36.2379, 41.6115
YIQ	152.1470, -40.6190, -18.2750

# Conversions

## Conversions Part 2

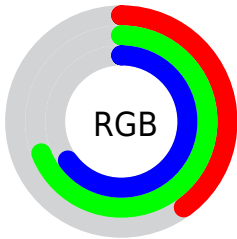
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 141, 175
Decimal	6729638
CIELab	66.70, -25.00, -2.55
CIElCh	67, 25.131, 185.823
Yxy	36.2379, 0.2624, 0.3434
Android (android.graphics.Color)	4284919718 (0xFF66AFA6)
YUV	152.1470, 6.8295, -43.9789
Hunter-Lab	60.1979, -23.2324, 1.1547

# Details

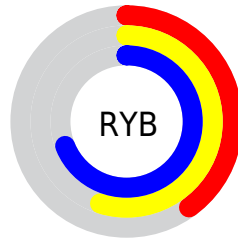
The Android color **4284919718** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **4289685103**, and the grayscale version is **4288190616**.

A 20% lighter version of the original color is **4288538589**, and **4281301618** is the 20% darker color. If you saturate the color by 10%, you get **4283805604**, and if you desaturate by 10%, it is **4286099368**.

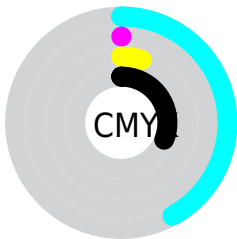
# Distribution



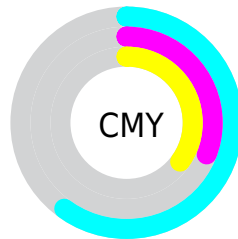
- Red (40%)
- Green (69%)
- Blue (65%)



- Red (40%)
- Yellow (55%)
- Blue (69%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (60%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284919718 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 4284919718 by changing the saturation by 10% instead.





4284919718



4284919718

4294967295



4283143308



4288538589



4281301618



4290379770



4279066970



4292214783



4278208834



4294115327



4278202924



4278198040



4278190080



4284919718



4284919718




4283805604



4286099368

 4282625954

 4287213482

 4281511840

 4288393132


 4280332189

 4289507247

 4279218075

 4290686897

 4278235033

 4291801011

 4292980661

 4294094775

 4294946745

# Harmonies

## Analogous

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



4286360975



4284919718



4284460732

# Triad

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



4284919718



4289436615



4290943866

# Complementary

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



4284919718



4289685103

# 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.



4291728521



4284919718



4291007669

# Square

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



4284919718



4287407055



4291793567



4289634933

# Rectangle

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



4284919718



4284984263



4291793567



4291336318



# Sweetspot

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



4284919718



4291159007



4285575014



4284511088



4294111986



4285756275



# Same Dimension

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



4284919718



4285653973



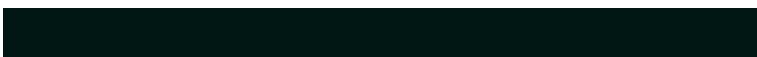
4284912815



4283324246



4278228612



4278195988



# Inverse Universe

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



4289685103



4293095807



4289692006



4283911759



4288020499

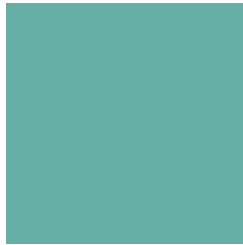


4279697411



# Previews

## White Background



This preview shows how the Android color 4284919718 looks on a white background.

## Color Contrast Check

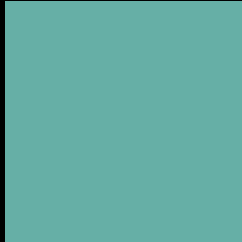
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284919718 looks on a 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 ✓ Pass

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



# Android 4284919718 Background



This preview shows how black text looks on a background with the Android color 4284919718.



This preview shows how white text looks on a background with the Android color 4284919718.

# 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



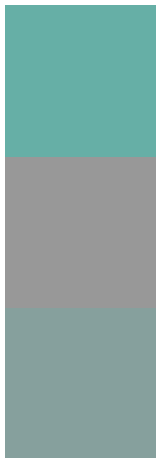
**Original Color**  
4284919718

**Protanomaly**  
4287538849

**Deuteranomaly**  
4287866025

**Tritanomaly**  
4285115827

# Monochromacy



**Original Color**  
4284919718

**Achromatopsia**  
4288190616

**Achromatomaly**  
4287013021

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284919718 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, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(102, 175, 166)  
}
```

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, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 175, 166) }
```

## Border

The CSS property to change the border of an element to Android 4284919718 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, 175, 166) }
```

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

```
.border{ border-color:rgb(102, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(102, 175,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4284919718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 175, 166) }
```

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

```
.background{ background-color: rgb(102,  
175, 166) }
```

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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