

# Converting Colors

Android(4284066471)

Have a look what the booklet for  
Android(4284066471) contains.

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# **Color**

**Android(4284066471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59AAA7
RGB	89, 170, 167
RGB Percent	35%, 67%, 65%
CMY	0.6510, 0.3333, 0.3451
CMYK	0.48, 0.00, 0.02, 0.33
HSL	178°, 32%, 51%
HSV	178°, 48%, 67%
XYZ	25.4696, 33.6633, 41.7145
YIQ	145.4390, -47.3130, -18.1050

# Conversions

## Conversions Part 2

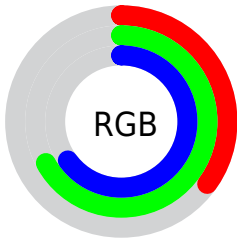
Format	Color
<a href="#">RYB</a>	<a href="#">89, 130, 170</a>
Decimal	<a href="#">5876391</a>
CIELab	<a href="#">64.69, -25.47, -6.13</a>
CIElCh	<a href="#">65, 26.195, 193.532</a>
Yxy	<a href="#">33.6633, 0.2526, 0.3338</a>
Android (android.graphics.Color)	<a href="#">4284066471</a> ( <a href="#">0xFF59AAA7</a> )
YUV	<a href="#">145.4390, 10.6296, -49.4970</a>
Hunter-Lab	<a href="#">58.0201, -23.1774, -2.0134</a>

# Details

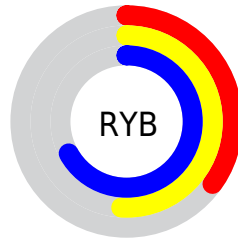
The Android color `4284066471` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289354076`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4287685342`, and `4280120691` is the 20% darker color. If you saturate the color by 10%, you get `4282952358`, and if you desaturate by 10%, it is `4285180584`.

# Distribution



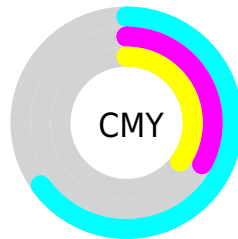
- Red (35%)
- Green (67%)
- Blue (65%)



- Red (35%)
- Yellow (51%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284066471 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 4284066471 by changing the saturation by 10% instead.





4284066471



4284066471

4294967295



4282224525



4287685342



4280120691



4289593083



4278213723



4291428351



4278207811



4293328895



4278201901



4278196761



4278190080



4284066471



4284066471



4282952358



4285180584

 4281838246

 4286294696

 4280724133

 4287408809

 4279610020

 4288522922

 4278495908

 4289637034

 4278233764

 4290751147

 4291865259

 4292979372

 4294093485

# Harmonies

## Analogous

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



4285442447



4284066471



4283934908

# Triad

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



4284066471



4289631167



4290353008

# Complementary

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



4284066471



4289354076

# 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.



4291334270



4284066471



4291005867

# Square

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



4284066471



4287536074



4291595411



4288913263

# Rectangle

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



4284066471



4284786118



4291595411



4290745460



# Sweetspot

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



4284066471



4290764509



4284328537



4284313711



4293980400



4285558896



# Same Dimension

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



4284066471



4284473049



4284057258



4283192404



4278228110



4278195220



# Inverse Universe

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



4289354076



4292763492



4289363289



4283714636



4287889413

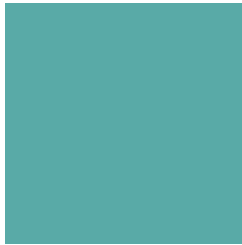


4279500801



# Previews

## White Background



This preview shows how the Android color 4284066471 looks on a white background.

## Color Contrast Check

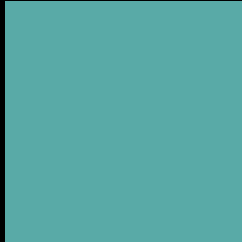
Large Text (above 18pt) WCAG AA × Fail

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 4284066471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

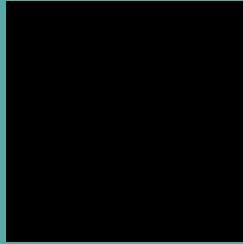
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284066471 Background



This preview shows how black text looks on a background with the Android color 4284066471.

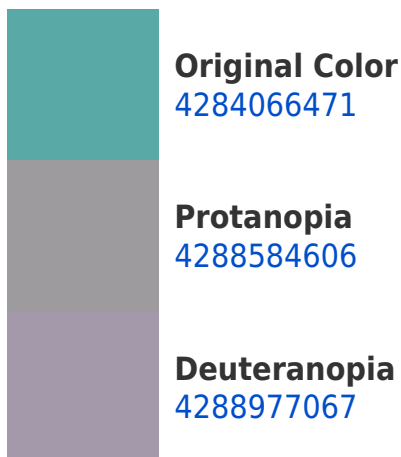


This preview shows how white text looks on a background with the Android color 4284066471.

# 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**

4284066471



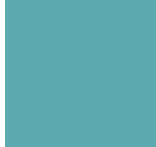
**Protanomaly**

4286947489



**Deuteranomaly**

4287209386



**Tritanomaly**

4284262832

# Monochromacy



**Original Color**

4284066471



**Achromatopsia**

4287730065



**Achromatomaly**

4286421657

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284066471 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(89, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(89, 170, 167)  
}
```

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(89, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 170, 167) }
```

## Border

The CSS property to change the border of an element to Android 4284066471 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(89, 170, 167) }
```

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

```
.border{ border-color:rgb(89, 170, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(89, 170,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4284066471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 170, 167) }
```

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

```
.background{ background-color: rgb(89, 170,  
167) }
```

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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