

# Converting Colors

Android(4284070581)

Have a look what the booklet for  
Android(4284070581) contains.

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# **Color**

**Android(4284070581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59BAB5
RGB	89, 186, 181
RGB Percent	35%, 73%, 71%
CMY	0.6510, 0.2706, 0.2902
CMYK	0.52, 0.00, 0.03, 0.27
HSL	177°, 41%, 54%
HSV	177°, 52%, 73%
XYZ	30.0192, 40.5779, 49.9662
YIQ	156.4270, -56.2070, -22.1190

# Conversions

## Conversions Part 2

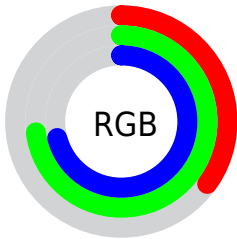
Format	Color
<a href="#">RYB</a>	<a href="#">89, 139, 186</a>
Decimal	<a href="#">5880501</a>
CIELab	<a href="#">69.88, -29.66, -6.20</a>
CIElCh	<a href="#">70, 30.304, 191.802</a>
Yxy	<a href="#">40.5779, 0.2490, 0.3366</a>
Android (android.graphics.Color)	<a href="#">4284070581 (0xFF59BAB5)</a>
YUV	<a href="#">156.4270, 12.1145, -59.1335</a>
Hunter-Lab	<a href="#">63.7007, -27.3575, -1.9159</a>

# Details

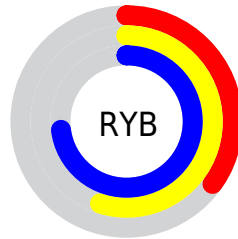
The Android color `4284070581` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290402654`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4287820525`, and `4279534720` is the 20% darker color. If you saturate the color by 10%, you get `4282825396`, and if you desaturate by 10%, it is `4285315766`.

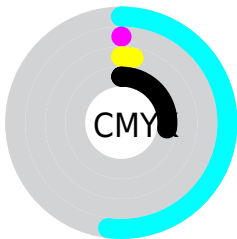
# Distribution



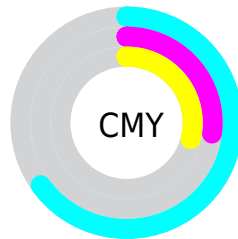
- Red (35%)
- Green (73%)
- Blue (71%)



- Red (35%)
- Yellow (55%)
- Blue (73%)



- Cyan (52%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (65%)
- Magenta (27%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284070581 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 4284070581 by changing the saturation by 10% instead.





4284070581



4284070581

4294967295



4282097562



4287820525



4279534720



4289724415



4278217575



4291624959



4278211151



4293591039



4278204984



4278199587



4278190350



4278190080




4284070581



4284070581

 4282825396

 4285315766

 4281645747

 4286495415

 4280400562

 4287740600

 4279220913

 4288920249

 4278237872

 4290165434

 4291410619

 4292590268

 4293835453

 4294949566

# Harmonies

## Analogous

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



4285839769



4284070581



4283742414

# Triad

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



4284070581



4290552020



4291666807

# Complementary

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



4284070581



4290402654

# 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.



4292778887



4284070581



4292253885

# Square

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



4284070581



4288129760



4293039777



4289965429

# Rectangle

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



4284070581



4284724698



4293039777



4292124795



# Sweetspot

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



4284070581



4291556080



4284463705



4284709497



4294638330



4286216826



# Same Dimension

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



4284070581



4284150506



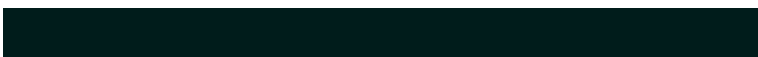
4284059834



4283653211



4278230164



4278197275



# Inverse Universe

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



4290402654



4294072929



4290413401



4284240723



4288413704

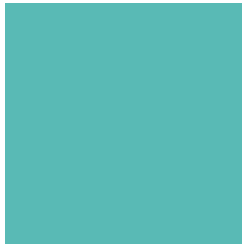


4280025089



# Previews

## White Background



This preview shows how the Android color 4284070581 looks on a white background.

## Color Contrast Check

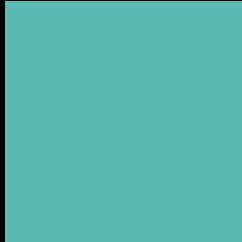
Large Text (above 18pt) WCAG AA × Fail

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 4284070581 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 4284070581 Background



This preview shows how black text looks on a background with the Android color 4284070581.



This preview shows how white text looks on a background with the Android color 4284070581.

# 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





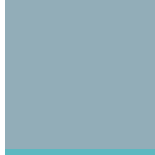
# Trichromacy



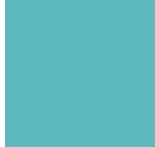
**Original Color**  
4284070581



**Protanomaly**  
4287541167



**Deuteranomaly**  
4287802808



**Tritanomaly**  
4284332224

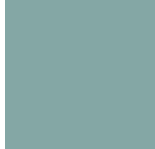
# Monochromacy



**Original Color**  
4284070581



**Achromatopsia**  
4288453788



**Achromatomaly**  
4286883749

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284070581 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, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(89, 186, 181)  
}
```

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, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 186, 181) }
```

## Border

The CSS property to change the border of an element to Android 4284070581 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, 186, 181) }
```

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

```
.border{ border-color:rgb(89, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(89, 186,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4284070581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 186, 181) }
```

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

```
.background{ background-color: rgb(89, 186,  
181) }
```

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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