

# Converting Colors

Android(4284795064)

Have a look what the booklet for  
Android(4284795064) contains.

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**Color**

**Android(4284795064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64C8B8
RGB	100, 200, 184
RGB Percent	39%, 78%, 72%
CMY	0.6078, 0.2157, 0.2784
CMYK	0.50, 0.00, 0.08, 0.22
HSL	170°, 48%, 59%
HSV	170°, 50%, 78%
XYZ	34.5615, 47.4786, 52.6901
YIQ	168.2760, -54.4640, -26.1760

# Conversions

## Conversions Part 2

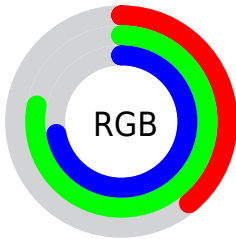
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 154, 200
Decimal	6604984
CIELab	74.49, -33.18, -0.99
CIELCh	74, 33.199, 181.715
Yxy	47.4786, 0.2565, 0.3524
Android (android.graphics.Color)	4284795064 (0xFF64C8B8)
YUV	168.2760, 7.7519, -59.8781
Hunter-Lab	68.9047, -31.0504, 2.8954

# Details

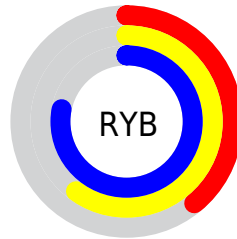
The Android color `4284795064` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291322996`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4288544752`, and `4280652419` is the 20% darker color. If you saturate the color by 10%, you get `4283484341`, and if you desaturate by 10%, it is `4286105787`.

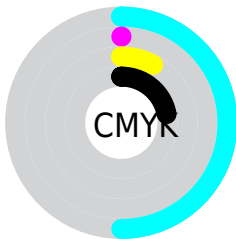
# Distribution



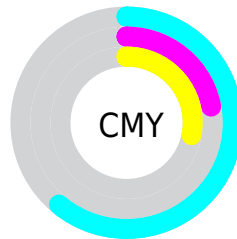
- Red (39%)
- Green (78%)
- Blue (72%)



- Red (39%)
- Yellow (60%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284795064 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 4284795064 by changing the saturation by 10% instead.





4284795064



4284795064

4294967295



4282887325



4288544752



4280652419



4290445311



4278220650



4292345855



4278214226



4294311935



4278208059



4278202149



4278196497



4278190080



4284795064



4284795064

 4283484341

 4286105787

 4282173618

 4287416510

 4280862894

 4288727234

 4279552171

 4290037957

 4278241448

 4291348680

 4292659403

 4293970126

 4294953170

 4294953173

# Harmonies

## Analogous

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



4287088025



4284795064



4283549654

# Triad

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



4284795064



4290686955



4293176194

# Complementary

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



4284795064



4291322996

# 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.



4294157209



4284795064



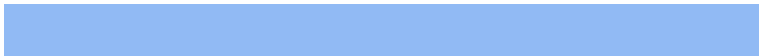
4292912597

# Square

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



4284795064



4287740660



4294090935



4291540602

# Rectangle

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



4284795064



4284204262



4294090935



4293634185

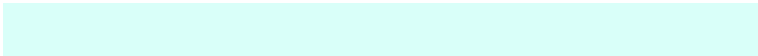


# Sweetspot

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



4284795064



4292476921



4285909092



4285104252



4278190080



4286611584



# Same Dimension

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



4284795064



4284940263



4284786632



4284113762



4278231945



4278199326



# Inverse Universe

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



4291322996



4294927998



4291331428



4284701275



4288872474

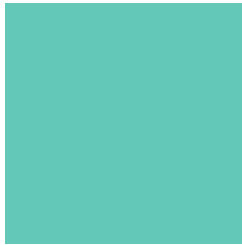


4280549382



# Previews

## White Background



This preview shows how the Android color 4284795064 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 4284795064 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 4284795064 Background



This preview shows how black text looks on a background with the Android color 4284795064.



This preview shows how white text looks on a background with the Android color 4284795064.

# 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**

4284795064



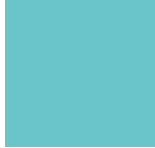
**Protanomaly**

4288396466



**Deuteranomaly**

4288854459



**Tritanomaly**

4285187530

# Monochromacy



**Original Color**

4284795064



**Achromatopsia**

4289243304



**Achromatomaly**

4287607982

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284795064 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(100, 200, 184)` looks like.

```
.text, #text, p{  
    color:rgb(100, 200, 184)  
}
```

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(100, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 200, 184) }
```

## Border

The CSS property to change the border of an element to Android 4284795064 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(100, 200, 184) }
```

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

```
.border{ border-color:rgb(100, 200, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 200, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 200, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 200, 184);  
box-shadow:4px 4px 4px 4px rgb(100, 200,  
184) }
```

# Background

The CSS property to change the background color of an element to Android 4284795064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 200, 184) }
```

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

```
.background{ background-color: rgb(100,  
200, 184) }
```

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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