

# Converting Colors

Android(4284210865)

Have a look what the booklet for  
Android(4284210865) contains.

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# **Color**

**Android(4284210865)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BDEB1
RGB	91, 222, 177
RGB Percent	36%, 87%, 69%
CMY	0.6431, 0.1294, 0.3059
CMYK	0.59, 0.00, 0.20, 0.13
HSL	159°, 66%, 61%
HSV	159°, 59%, 87%
XYZ	38.3715, 57.6410, 50.6984
YIQ	177.7010, -63.6310, -41.7670

# Conversions

## Conversions Part 2

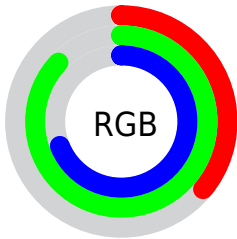
Format	Color
<b>RYB</b>	91, 170, 222
Decimal	6020785
CIELab	80.54, -46.58, 11.43
CIELCh	81, 47.959, 166.211
Yxy	57.6410, 0.2615, 0.3929
Android (android.graphics.Color)	4284210865 (0xFF5BDEB1)
YUV	177.7010, -0.3456, -76.0368
Hunter-Lab	75.9217, -42.6475, 13.5529

# Details

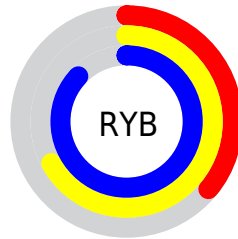
The Android color `4284210865` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292762504`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4288217065`, and `4278232700` is the 20% darker color. If you saturate the color by 10%, you get `4282769065`, and if you desaturate by 10%, it is `4285652665`.

# Distribution



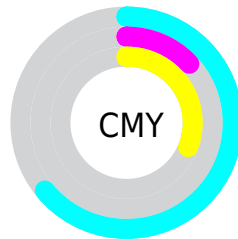
- Red (36%)
- Green (87%)
- Blue (69%)



- Red (36%)
- Yellow (67%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (64%)
- Magenta (13%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284210865 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 4284210865 by changing the saturation by 10% instead.





4284210865



4284210865

4294967295



4281975446



4288217065



4278232700



4290117631



4278225763



4292083711



4278219083



4294049791



4278212405



4278206239



4278200584



4278191104



4278190080

 4284210865

 4284210865

 4282769065

 4285652665

 4281327266

 4287094464

 4279819930

 4288601800

 4278378130

 4290043600

 4278247058

 4291485399

 4292927199

 4294368998

 4294958830

 4294958838

# Harmonies

## Analogous

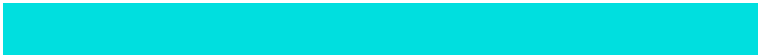
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288338056



4284210865



4278247391

# Triad

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



4284210865



4289512703



4294946441

# Complementary

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



4284210865



4292762504

# 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.



4294944177



4284210865



4293637119

# Square

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



4284210865



4283814655



4294944478



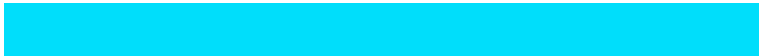
4294360688

# Rectangle

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



4284210865



4278247163



4294944478



4294945429

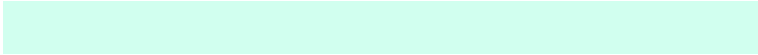


# Sweetspot

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



4284210865



4291952623



4287225435



4284711030



4278190080



4286611584



# Same Dimension

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



4284210865



4283105217



4284205790



4284837996



4278235252



4278202400



# Inverse Universe

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



4292762504



4294920840



4292767579



4285556073



4289724476

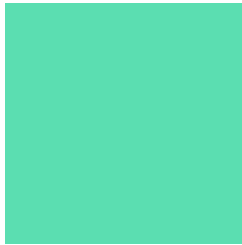


4281335825



# Previews

## White Background



This preview shows how the Android color 4284210865 looks on a white background.

## Color Contrast Check

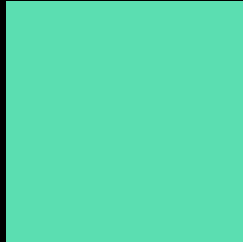
Large Text (above 18pt) WCAG AA × Fail

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 4284210865 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 4284210865 Background



This preview shows how black text looks on a background with the Android color 4284210865.




This preview shows how white text looks on a background with the Android color 4284210865.

# 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





**Tritanopia**  
4285454312

# Trichromacy



**Original Color**

4284210865



**Protanomaly**

4289122217



**Deuteranomaly**

4289710773



**Tritanomaly**

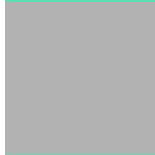
4284996308

# Monochromacy



**Original Color**

4284210865



**Achromatopsia**

4289901234



**Achromatomaly**

4287808178

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284210865 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(91, 222, 177)` looks like.

```
.text, #text, p{  
    color:rgb(91, 222, 177)  
}
```

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(91, 222, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 222, 177) }
```

## Border

The CSS property to change the border of an element to Android 4284210865 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(91, 222, 177) }
```

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

```
.border{ border-color:rgb(91, 222, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 222, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 222, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 222, 177); box-shadow:4px 4px 4px 4px rgb(91, 222, 177) }
```

# Background

The CSS property to change the background color of an element to Android 4284210865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 222, 177) }
```

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

```
.background{ background-color: rgb(91, 222,  
177) }
```

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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