

# Converting Colors

Android(4284212177)

Have a look what the booklet for  
Android(4284212177) contains.

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**Color**

**Android(4284212177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE3D1
RGB	91, 227, 209
RGB Percent	36%, 89%, 82%
CMY	0.6431, 0.1098, 0.1804
CMYK	0.60, 0.00, 0.08, 0.11
HSL	172°, 71%, 62%
HSV	172°, 60%, 89%
XYZ	43.2921, 61.7658, 69.9619
YIQ	184.2840, -75.2780, -34.4300

# Conversions

## Conversions Part 2

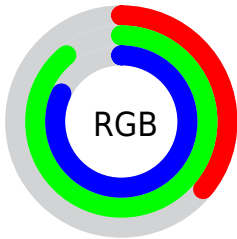
Format	Color
<a href="#">RYB</a>	<a href="#">91, 164, 227</a>
Decimal	<a href="#">6022097</a>
CIELab	<a href="#">82.79, -41.11, -2.26</a>
CIElCh	<a href="#">83, 41.171, 183.143</a>
Yxy	<a href="#">61.7658, 0.2474, 0.3529</a>
Android (android.graphics.Color)	<a href="#">4284212177</a> ( <a href="#">0xFF5BE3D1</a> )
YUV	<a href="#">184.2840, 12.1850, -81.8101</a>
Hunter-Lab	<a href="#">78.5912, -39.2076, 2.2339</a>

# Details

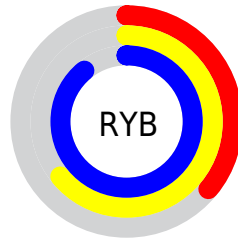
The Android color `4284212177` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4293090157`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4288282623`, and `4278234011` is the 20% darker color. If you saturate the color by 10%, you get `4282704846`, and if you desaturate by 10%, it is `4285719508`.

# Distribution



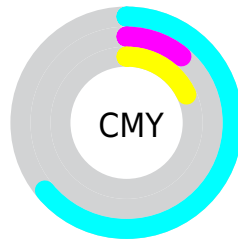
- Red (36%)
- Green (89%)
- Blue (82%)



- Red (36%)
- Yellow (64%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284212177 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 4284212177 by changing the saturation by 10% instead.





4284212177



4284212177

4294967295



4281845685



4288282623



4278234011



4290314239



4278227073



4292280319



4278220392



4294246399



4278213712



4278207545



4278201635



4278194703



4278190080

 4284212177

 4284212177

 4282704846

 4285719508

 4281263051


 4287161303

 4279755720

 4288668634

 4278248389

 4290175965

 4291683296

 4293125091

 4294632422

 4294960105

 4294960108

# Harmonies

## Analogous

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



4287488170



4284212177



4281983735

# Triad

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



4284212177



4292396031



4294951050

# Complementary

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



4284212177



4293090157

# 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.



4294948006



4284212177



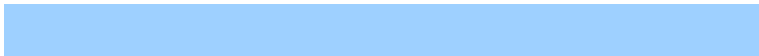
4294948594

# Square

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



4284212177



4288598271



4294947019



4293184896

# Rectangle

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



4284212177



4283162367



4294947019



4294949778



# Sweetspot

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



4284212177



4291952633



4285391707



4284711036



4278190080



4286611584



# Same Dimension

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



4284212177



4282908647



4284199395



4284969841



4278236059



4278203180



# Inverse Universe

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



4293090157



4294920032



4293102939



4285753193



4289921048

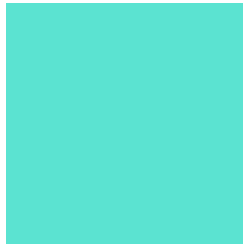


4281532423



# Previews

## White Background



This preview shows how the Android color 4284212177 looks on a white background.

## Color Contrast Check

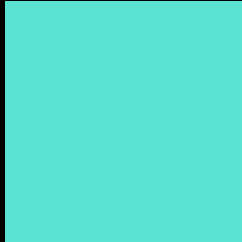
Large Text (above 18pt) WCAG AA × Fail

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 4284212177 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

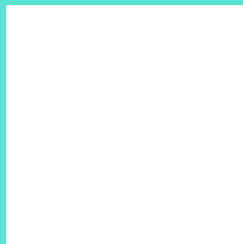
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284212177 Background



This preview shows how black text looks on a background with the Android color 4284212177.



This preview shows how white text looks on a background with the Android color 4284212177.

# 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



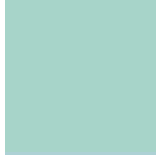


# Trichromacy



**Original Color**

4284212177



**Protanomaly**

4289189065



**Deuteranomaly**

4289581525



**Tritanomaly**

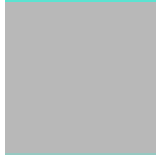
4284735717

# Monochromacy



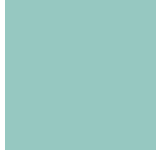
**Original Color**

4284212177



**Achromatopsia**

4290295992



**Achromatomaly**

4288071873

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284212177 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, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(91, 227, 209)  
}
```

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, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 227, 209) }
```

## Border

The CSS property to change the border of an element to Android 4284212177 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, 227, 209) }
```

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

```
.border{ border-color:rgb(91, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(91, 227,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4284212177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 227, 209) }
```

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

```
.background{ background-color: rgb(91, 227,  
209) }
```

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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