

# Converting Colors

Android(4284142256)

Have a look what the booklet for  
Android(4284142256) contains.

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# **Color**

**Android(4284142256)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5AD2B0                       |
| RGB         | 90, 210, 176                 |
| RGB Percent | 35%, 82%, 69%                |
| CMY         | 0.6471, 0.1765, 0.3098       |
| CMYK        | 0.57, 0.00, 0.16, 0.18       |
| HSL         | 163°, 57%, 59%               |
| HSV         | 163°, 57%, 82%               |
| XYZ         | 35.0995, 51.4014, 49.1458    |
| YIQ         | 170.2440, -60.6060, -36.0140 |

# Conversions

## Conversions Part 2

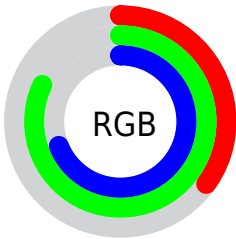
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 90, 160, 210                  |
| Decimal                             | 5952176                       |
| CIELab                              | 76.92, -41.80, 6.79           |
| CIElCh                              | 77, 42.351, 170.770           |
| Yxy                                 | 51.4014, 0.2588,<br>0.3789    |
| Android<br>(android.graphics.Color) | 4284142256<br>(0xFF5AD2B0)    |
| YUV                                 | 170.2440, 2.8377,<br>-70.3740 |
| Hunter-Lab                          | 71.6948, -38.0779,<br>9.5439  |

# Details

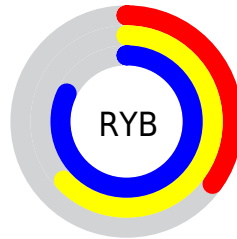
The Android color `4284142256` is a light color, and the websafe version is hex `66CC99`. The color can be described as light muted spring green. A complement of this color would be `4291975804`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4288020456`, and `4278819708` is the 20% darker color. If you saturate the color by 10%, you get `4282765994`, and if you desaturate by 10%, it is `4285518518`.

# Distribution



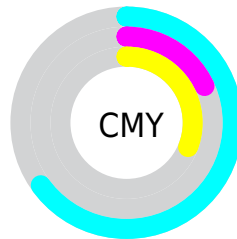
- Red (35%)
- Green (82%)
- Blue (69%)



- Red (35%)
- Yellow (63%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284142256 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 4284142256 by changing the saturation by 10% instead.





4284142256



4284142256

4294967295



4282037909



4288020456



4278819708



4289986559



4278222947



4291887103



4278216267



4293853183



4278209844



4278203679



4278198279



4278190080




4284142256



4284142256

 4282765994

 4285518518

 4281389732

 4286894780

 4280013470

 4288271042

 4278637208

 4289647304

 4278243991

 4291023566

 4292399828

 4293776090

 4294955744

 4294955750

# Harmonies

## Analogous

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



4287614347



4284142256



4278965208

# Triad

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



4284142256



4289771775



4294879875

# Complementary

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



4284142256



4291975804

# 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.



4294942884



4284142256



4293110512

# Square

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



4284142256



4285449727



4294942924



4293048176

# Rectangle

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



4284142256



4278243568



4294942924



4294944397

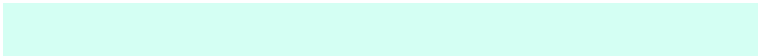


# Sweetspot

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



4284142256



4292149235



4286370394



4284907640



4278190080



4286611584



# Same Dimension

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



4284142256



4283432909



4284135634



4284377446



4278233209



4278200605



# Inverse Universe

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



4291975804



4294922113



4291982426



4285095521



4289200176

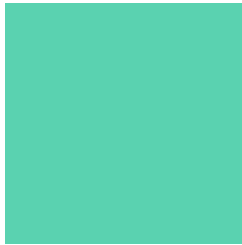


4280877068



# Previews

## White Background



This preview shows how the Android color 4284142256 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 4284142256 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

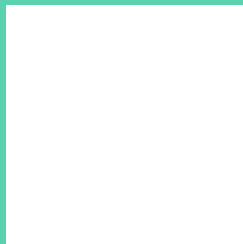
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284142256 Background



This preview shows how black text looks on a background with the Android color 4284142256.



This preview shows how white text looks on a background with the Android color 4284142256.

# 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**

4284142256



**Protanomaly**

4288595113



**Deuteranomaly**

4289118388



**Tritanomaly**

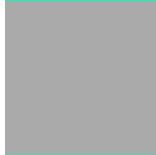
4284796620

# Monochromacy



**Original Color**

4284142256



**Achromatopsia**

4289374890



**Achromatomaly**

4287478188

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284142256 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(90, 210, 176)` looks like.

```
.text, #text, p{  
    color:rgb(90, 210, 176)  
}
```

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(90, 210, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 210, 176) }
```

## Border

The CSS property to change the border of an element to Android 4284142256 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(90, 210, 176) }
```

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

```
.border{ border-color:rgb(90, 210, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 210, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 210, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 210, 176);  
box-shadow:4px 4px 4px 4px rgb(90, 210,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4284142256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 210, 176) }
```

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

```
.background{ background-color: rgb(90, 210,  
176) }
```

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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