

# Converting Colors

Android(4285192102)

Have a look what the booklet for  
Android(4285192102) contains.

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# **Color**

**Android(4285192102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AD7A6
RGB	106, 215, 166
RGB Percent	42%, 84%, 65%
CMY	0.5843, 0.1569, 0.3490
CMYK	0.51, 0.00, 0.23, 0.16
HSL	153°, 58%, 63%
HSV	153°, 51%, 84%
XYZ	37.1272, 54.4182, 44.6234
YIQ	176.8230, -49.2350, -38.3470

# Conversions

## Conversions Part 2

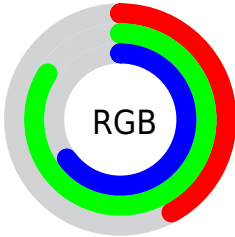
Format	Color
<a href="#">RYB</a>	<a href="#">106, 176, 215</a>
Decimal	<a href="#">7002022</a>
CIELab	<a href="#">78.70, -42.71, 14.73</a>
CIELCh	<a href="#">79, 45.178, 160.977</a>
Yxy	<a href="#">54.4182, 0.2727, 0.3996</a>
Android (android.graphics.Color)	<a href="#">4285192102</a> ( <a href="#">0xFF6AD7A6</a> )
YUV	<a href="#">176.8230, -5.3357, -62.1118</a>
Hunter-Lab	<a href="#">73.7687, -39.2575, 15.7730</a>

# Details

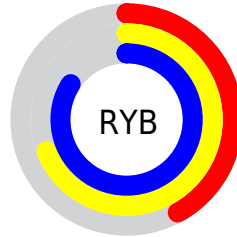
The Android color `4285192102` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292307611`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4288937949`, and `4281114482` is the 20% darker color. If you saturate the color by 10%, you get `4283815836`, and if you desaturate by 10%, it is `4286633904`.

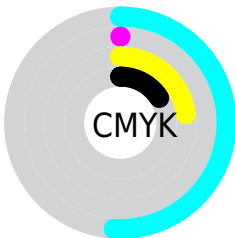
# Distribution



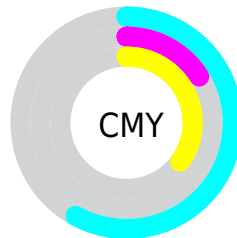
- Red (42%)
- Green (84%)
- Blue (65%)



- Red (42%)
- Yellow (69%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285192102 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 4285192102 by changing the saturation by 10% instead.





4285192102



4285192102

4294967295



4283284364



4288937949



4281114482



4290838522



4278224217



4292804607



4278217538



4294770687



4278211115



4278204950



4278199552



4278190080



4285192102



4285192102

 4283815836

 4286633904

 4282374035

 4288010169

 4280997769

 4289451971

 4279555967

 4290828237

 4278245238

 4292270038

 4293646304

 4294957034

 4294957043

 4294957053

# Harmonies

## Analogous

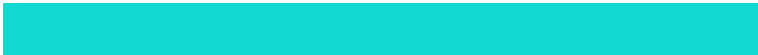
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288794754



4285192102



4279425489

# Triad

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



4285192102



4288594687



4294945166

# Complementary

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



4285192102



4292307611

# 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.



4294943157



4285192102



4292588287

# Square

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



4285192102



4283224063



4294944223



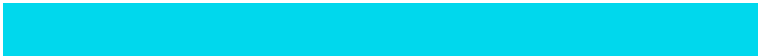
4294227828

# Rectangle

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



4285192102



4278245613



4294944223



4294944154

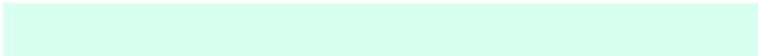


# Sweetspot

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



4285192102



4292476910



4288403306



4285104245



4278190080



4286611584



# Same Dimension

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



4285192102



4284743609



4285190871



4284509030



4278233950



4278201112



# Inverse Universe

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



4292307611



4294927273



4292308842



4285227109



4289396813

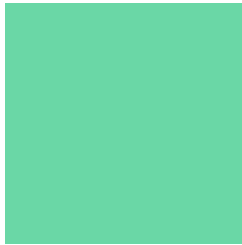


4281008147



# Previews

## White Background



This preview shows how the Android color 4285192102 looks on a white background.

## Color Contrast Check

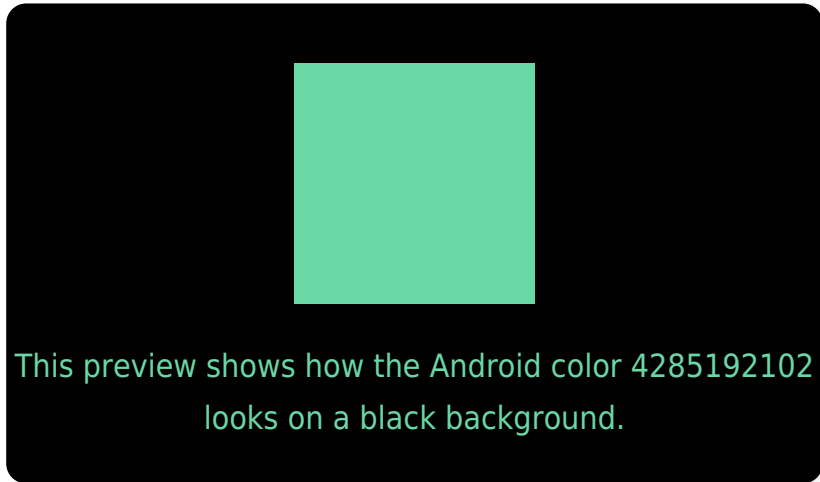
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4285192102 Background



This preview shows how black text looks on a background with the Android color 4285192102.

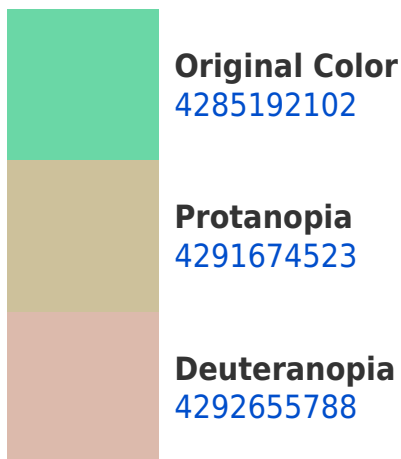


This preview shows how white text looks on a background with the Android color 4285192102.

# 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**  
4285192102



**Protanomaly**  
4289317279



**Deuteranomaly**  
4289971626



**Tritanomaly**  
4285846219

# Monochromacy



**Original Color**  
4285192102



**Achromatopsia**  
4289835441



**Achromatomaly**  
4288135085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285192102 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(106, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(106, 215, 166)  
}
```

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(106, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 215, 166) }
```

## Border

The CSS property to change the border of an element to Android 4285192102 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(106, 215, 166) }
```

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

```
.border{ border-color:rgb(106, 215, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 215, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(106, 215,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4285192102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 215, 166) }
```

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

```
.background{ background-color: rgb(106,  
215, 166) }
```

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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