

# Converting Colors

Android(4285911191)

Have a look what the booklet for  
Android(4285911191) contains.

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# **Color**

**Android(4285911191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75D097
RGB	117, 208, 151
RGB Percent	46%, 82%, 59%
CMY	0.5412, 0.1843, 0.4078
CMYK	0.44, 0.00, 0.27, 0.18
HSL	142°, 49%, 64%
HSV	142°, 44%, 82%
XYZ	35.4779, 51.1280, 37.2770
YIQ	174.2930, -35.9390, -37.0190

# Conversions

## Conversions Part 2

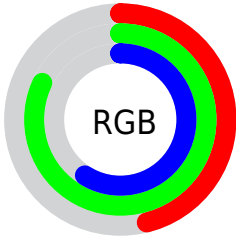
Format	Color
<a href="#">RYB</a>	<a href="#">117, 183, 208</a>
Decimal	<a href="#">7721111</a>
CIELab	<a href="#">76.76, -39.81, 20.01</a>
CIELCh	<a href="#">77, 44.554, 153.309</a>
Yxy	<a href="#">51.1280, 0.2864, 0.4127</a>
Android (android.graphics.Color)	<a href="#">4285911191 (0xFF75D097)</a>
YUV	<a href="#">174.2930, -11.4834, -50.2460</a>
Hunter-Lab	<a href="#">71.5039, -36.5658, 19.1432</a>

# Details

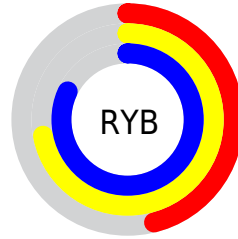
The Android color `4285911191` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4291851694`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4289593293`, and `4282227044` is the 20% darker color. If you saturate the color by 10%, you get `4284534922`, and if you desaturate by 10%, it is `4287287460`.

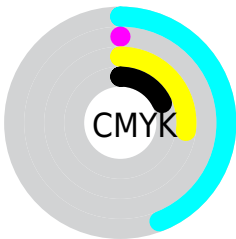
# Distribution



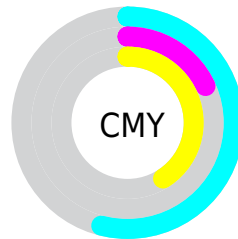
- Red (46%)
- Green (82%)
- Blue (59%)



- Red (46%)
- Yellow (72%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285911191 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 4285911191 by changing the saturation by 10% instead.



 4285911191

 4285911191

4294967295

 4284068989

 4289593293

 4282227044

 4291493866

 4280123212

 4293394431

 4278215989

 4278209567

 4278203400

 4278198016

 4278190080

 4285911191


 4285911191

 4284534922

 4287287460


 4283158653

 4288663729

 4281847920

 4289974462

 4280471651

 4291350731

 4279095382

 4292727000

 4278243406

 4294103269

 4294955250

 4294955263

# Harmonies

## Analogous

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



4289251447



4285911191



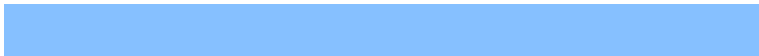
4281324481

# Triad

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



4285911191



4287021311



4294943122

# Complementary

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



4285911191



4291851694

# 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.



4294942138



4285911191



4291342847

# Square

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



4285911191



4280994815



4294288355



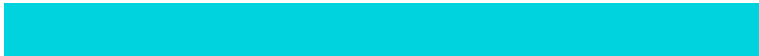
4294356597

# Rectangle

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



4285911191



4278244317



4294288355



4294942623

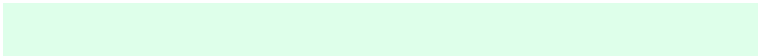


# Sweetspot

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



4285911191



4292804586



4289712245



4285235315



4278190080



4286611584



# Same Dimension

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



4285911191



4286119850



4285911236



4284377442



4278233151



4278200591



# Inverse Universe

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



4291851694



4294932685



4291851649



4285095525



4289200233



4280877082



# Previews

## White Background



This preview shows how the Android color 4285911191 looks on a white background.

## Color Contrast Check

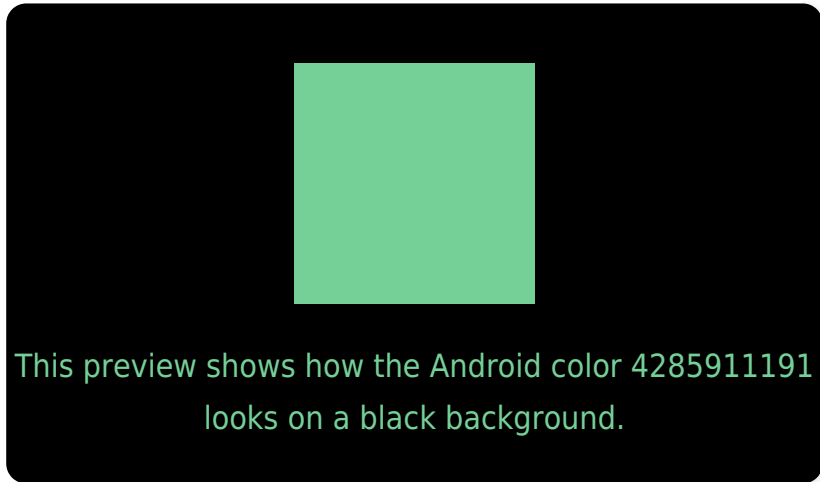
Large Text (above 18pt) WCAG AA × Fail

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 4285911191 Background



This preview shows how black text looks on a background with the Android color 4285911191.



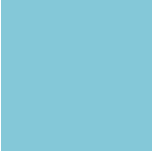
This preview shows how white text looks on a background with the Android color 4285911191.

# 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**  
4286892248

# Trichromacy



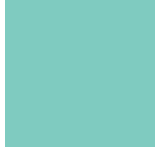
**Original Color**  
4285911191



**Protanomaly**  
4289446801



**Deuteranomaly**  
4290101147



**Tritanomaly**  
4286565312

# Monochromacy



**Original Color**  
4285911191



**Achromatopsia**  
4289638062



**Achromatomaly**  
4288264870

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285911191 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(117, 208, 151)` looks like.

```
.text, #text, p{  
    color:rgb(117, 208, 151)  
}
```

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(117, 208, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 208, 151) }
```

## Border

The CSS property to change the border of an element to Android 4285911191 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(117, 208, 151) }
```

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

```
.border{ border-color:rgb(117, 208, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 208, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 208, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 208, 151); box-shadow:4px 4px 4px 4px rgb(117, 208, 151) }
```

# Background

The CSS property to change the background color of an element to Android 4285911191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 208, 151) }
```

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

```
.background{ background-color: rgb(117,  
208, 151) }
```

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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