

# Converting Colors

Android(4285196227)

Have a look what the booklet for  
Android(4285196227) contains.

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# **Color**

**Android(4285196227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AE7C3
RGB	106, 231, 195
RGB Percent	42%, 91%, 76%
CMY	0.5843, 0.0941, 0.2353
CMYK	0.54, 0.00, 0.16, 0.09
HSL	163°, 72%, 66%
HSV	163°, 54%, 91%
XYZ	44.3701, 64.1561, 61.6746
YIQ	189.5210, -62.9440, -37.6960

# Conversions

## Conversions Part 2

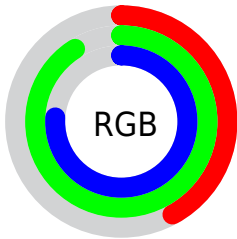
Format	Color
<a href="#">RYB</a>	<a href="#">106, 179, 231</a>
Decimal	<a href="#">7006147</a>
CIELab	<a href="#">84.05, -43.37, 7.01</a>
CIELCh	<a href="#">84, 43.930, 170.811</a>
Yxy	<a href="#">64.1561, 0.2607, 0.3769</a>
Android (android.graphics.Color)	<a href="#">4285196227</a> ( <a href="#">0xFF6AE7C3</a> )
YUV	<a href="#">189.5210, 2.7011, -73.2479</a>
Hunter-Lab	<a href="#">80.0975, -41.2904, 10.4153</a>

# Details

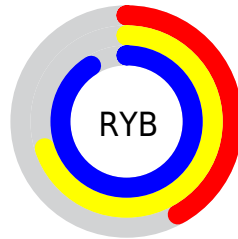
The Android color `4285196227` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293356174`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4289134588`, and `4280659853` is the 20% darker color. If you saturate the color by 10%, you get `4283688892`, and if you desaturate by 10%, it is `4286703562`.

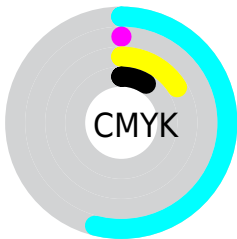
# Distribution



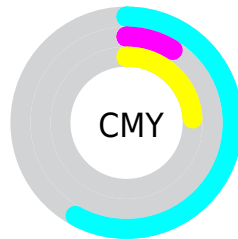
- Red (42%)
- Green (91%)
- Blue (76%)



- Red (42%)
- Yellow (70%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285196227 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 4285196227 by changing the saturation by 10% instead.





4285196227



4285196227

4294967295



4283157416



4289134588



4280659853



4291035135



4278228084



4293001215



4278221147



4278214724



4278208302



4278202393



4278195968



4278190080

 4285196227

 4285196227

 4283688892

 4286703562

 4282181558

 4288210896

 4280674223

 4289718231

 4279166888

 4291225566

 4278249380

 4292798436

 4294305771

 4294961138

 4294961144

 4294961151

# Harmonies

## Analogous

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



4288733852



4285196227



4281198830

# Triad

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



4285196227



4291087615



4294950291

# Complementary

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



4285196227



4293356174

# 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.



4294947766



4285196227



4294557183

# Square

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



4285196227



4286569215



4294947808



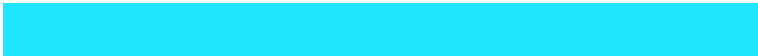
4294495104

# Rectangle

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



4285196227



4280346111



4294947808



4294949021

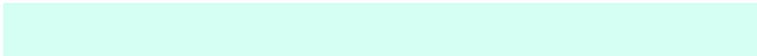


# Sweetspot

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



4285196227



4292280307



4287686506



4284973177



4278190080



4286611584



# Same Dimension

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



4285196227



4284088271



4285189863



4284969839



4278236031



4278203172



# Inverse Universe

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



4293356174



4294924681



4293362538



4285753195



4289921075



4281532431



# Previews

## White Background



This preview shows how the Android color 4285196227 looks on a white background.

## Color Contrast Check

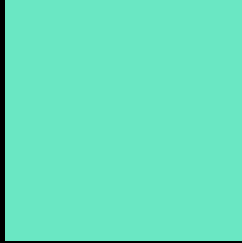
Large Text (above 18pt) WCAG AA × Fail

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 4285196227 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 4285196227 Background



This preview shows how black text looks on a background with the Android color 4285196227.




This preview shows how white text looks on a background with the Android color 4285196227.

# 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**  
4286177522

# Trichromacy



**Original Color**

4285196227



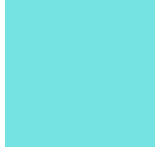
**Protanomaly**

4289845435



**Deuteranomaly**

4290434247



**Tritanomaly**

4285850593

# Monochromacy



**Original Color**

4285196227



**Achromatopsia**

4290690750



**Achromatomaly**

4288662976

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285196227 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, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(106, 231, 195)  
}
```

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, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 231, 195) }
```

## Border

The CSS property to change the border of an element to Android 4285196227 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, 231, 195) }
```

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

```
.border{ border-color:rgb(106, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(106, 231,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4285196227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 231, 195) }
```

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

```
.background{ background-color: rgb(106,  
231, 195) }
```

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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