

# Converting Colors

Android(4285255600)

Have a look what the booklet for  
Android(4285255600) contains.

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# **Color**

**Android(4285255600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BCFB0
RGB	107, 207, 176
RGB Percent	42%, 81%, 69%
CMY	0.5804, 0.1882, 0.3098
CMYK	0.48, 0.00, 0.15, 0.19
HSL	161°, 51%, 62%
HSV	161°, 48%, 81%
XYZ	36.2127, 50.8860, 48.9877
YIQ	173.5660, -49.6490, -30.8410

# Conversions

## Conversions Part 2

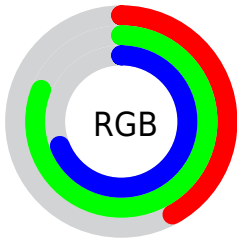
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 166, 207</a>
Decimal	<a href="#">7065520</a>
CIELab	<a href="#">76.61, -36.71, 6.42</a>
CIELCh	<a href="#">77, 37.263, 170.078</a>
Yxy	<a href="#">50.8860, 0.2661, 0.3739</a>
Android (android.graphics.Color)	<a href="#">4285255600 (0xFF6BCFB0)</a>
YUV	<a href="#">173.5660, 1.2000, -58.3784</a>
Hunter-Lab	<a href="#">71.3344, -34.2203, 9.2178</a>

# Details

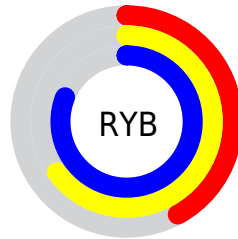
The Android color `4285255600` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4291783562`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4289003496`, and `4281309308` is the 20% darker color. If you saturate the color by 10%, you get `4283879338`, and if you desaturate by 10%, it is `4286631862`.

# Distribution



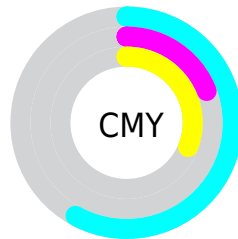
- Red (42%)
- Green (81%)
- Blue (69%)



- Red (42%)
- Yellow (65%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285255600 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 4285255600 by changing the saturation by 10% instead.





4285255600



4285255600

4294967295



4283347861



4289003496



4281309308



4290904063



4278222435



4292804607



4278215755



4294770687



4278209332



4278203423



4278198023



4278190080



4285255600



4285255600

 4283879338

 4286631862

 4282568611

 4287942589

 4281192349

 4289318851

 4279816086

 4290695114

 4278439824

 4292071376

 4278243215

 4293382103

 4294758365

 4294954979

 4294954986

# Harmonies

## Analogous

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



4288006800



4285255600



4282765523

# Triad

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



4285255600



4289837310



4294421386

# Complementary

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



4285255600



4291783562

# 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.



4294943911



4285255600



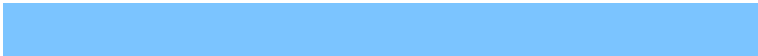
4292717802

# Square

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



4285255600



4286301439



4294550730



4292851577

# Rectangle

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



4285255600



4282502888



4294550730



4294748306



# Sweetspot

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



4285255600



4292607988



4287352683



4285169785



4278190080



4286611584



# Same Dimension

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



4285255600



4285267921



4285251023



4284377445



4278233204



4278200604



# Inverse Universe

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



4291783562



4294929305



4291788139



4285095521



4289200180

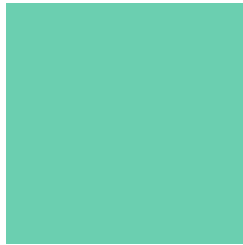


4280877069



# Previews

## White Background



This preview shows how the Android color 4285255600 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 4285255600 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 4285255600 Background



This preview shows how black text looks on a background with the Android color 4285255600.



This preview shows how white text looks on a background with the Android color 4285255600.

# 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**

4285255600



**Protanomaly**

4288987818



**Deuteranomaly**

4289445811



**Tritanomaly**

4285778890

# Monochromacy



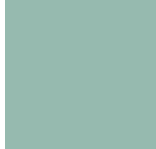
**Original Color**

4285255600



**Achromatopsia**

4289638062



**Achromatomaly**

4288068271

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285255600 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(107, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(107, 207, 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(107, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 207, 176) }
```

## Border

The CSS property to change the border of an element to Android 4285255600 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(107, 207, 176) }
```

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

```
.border{ border-color:rgb(107, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(107, 207,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4285255600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 207, 176) }
```

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

```
.background{ background-color: rgb(107,  
207, 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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