

# Converting Colors

Android(4285120947)

Have a look what the booklet for  
Android(4285120947) contains.

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**Color**

**Android(4285120947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69C1B3
RGB	105, 193, 179
RGB Percent	41%, 76%, 70%
CMY	0.5882, 0.2431, 0.2980
CMYK	0.46, 0.00, 0.07, 0.24
HSL	170°, 42%, 58%
HSV	170°, 46%, 76%
XYZ	33.0323, 44.3979, 49.4765
YIQ	165.0920, -47.9540, -23.0100

# Conversions

## Conversions Part 2

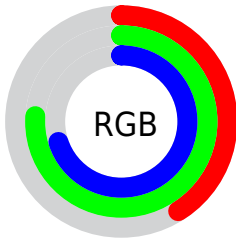
Format	Color
<a href="#">RYB</a>	<a href="#">105, 153, 193</a>
Decimal	<a href="#">6930867</a>
CIELab	<a href="#">72.49, -29.90, -1.18</a>
CIELCh	<a href="#">72, 29.925, 182.269</a>
Yxy	<a href="#">44.3979, 0.2603, 0.3498</a>
Android (android.graphics.Color)	<a href="#">4285120947 (0xFF69C1B3)</a>
YUV	<a href="#">165.0920, 6.8566, -52.7007</a>
Hunter-Lab	<a href="#">66.6317, -28.1150, 2.6172</a>

# Details

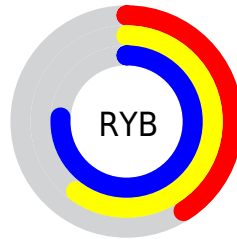
The Android color `4285120947` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290865527`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288805611`, and `4281305982` is the 20% darker color. If you saturate the color by 10%, you get `4283875760`, and if you desaturate by 10%, it is `4286366134`.

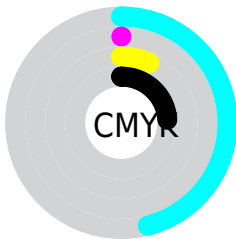
# Distribution



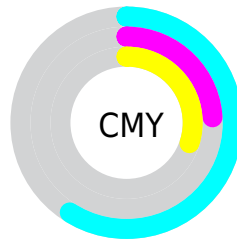
- Red (41%)
- Green (76%)
- Blue (70%)



- Red (41%)
- Yellow (60%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285120947 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 4285120947 by changing the saturation by 10% instead.





4285120947



4285120947

4294967295



4283279000



4288805611



4281305982



4290707455



4278481253



4292607999



4278212686



4294508543



4278206519



4278200866



4278194187



4278190080



4285120947



4285120947

 4283875760

 4286366134

 4282565037

 4287676857

 4281319850

 4288922044

 4280074663

 4290167231

 4278829476

 4291477954

 4278239650

 4292723141

 4293968328

 4294951372

 4294951375

# Harmonies

## Analogous

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



4287020952



4285120947



4284203214

# Triad

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



4285120947



4290292448



4292519810

# Complementary

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



4285120947



4290865527

# 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.



4293370006



4285120947



4292321740

# Square

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



4285120947



4287804648



4293369521



4291015035

# Rectangle

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



4285120947



4284726748



4293369521



4292912520

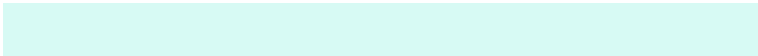


# Sweetspot

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



4285120947



4292344564



4286103913



4285037946



4294769916



4286414205



# Same Dimension

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



4285120947



4285594340



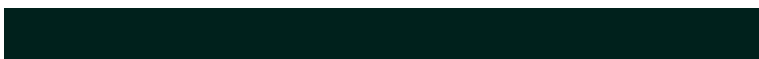
4285113537



4283916639



4278231431



4278198556



# Inverse Universe

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



4290865527



4294602886



4290872937



4284569433



4288741402

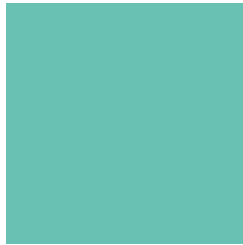


4280352773



# Previews

## White Background



This preview shows how the Android color 4285120947 looks on a white background.

## Color Contrast Check

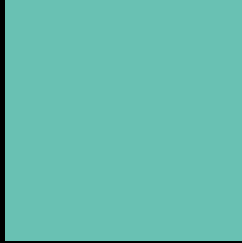
Large Text (above 18pt) WCAG AA × Fail

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 4285120947 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 4285120947 Background



This preview shows how black text looks on a background with the Android color 4285120947.



This preview shows how white text looks on a background with the Android color 4285120947.

# 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



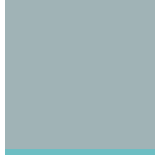
**Original Color**

4285120947



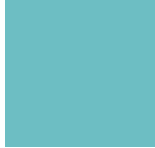
**Protanomaly**

4288329389



**Deuteranomaly**

4288721846



**Tritanomaly**

4285382339

# Monochromacy



**Original Color**

4285120947



**Achromatopsia**

4289045925



**Achromatomaly**

4287606698

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285120947 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(105, 193, 179)` looks like.

```
.text, #text, p{  
    color:rgb(105, 193, 179)  
}
```

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(105, 193, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 193, 179) }
```

## Border

The CSS property to change the border of an element to Android 4285120947 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(105, 193, 179) }
```

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

```
.border{ border-color:rgb(105, 193, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 193, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 193, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 193, 179);  
box-shadow:4px 4px 4px 4px rgb(105, 193,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4285120947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 193, 179) }
```

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

```
.background{ background-color: rgb(105,  
193, 179) }
```

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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