

# Converting Colors

Android(4285522146)

Have a look what the booklet for  
Android(4285522146) contains.

<b>Android(4285522146)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4285522146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FE0E2
RGB	111, 224, 226
RGB Percent	44%, 88%, 89%
CMY	0.5647, 0.1216, 0.1137
CMYK	0.51, 0.01, 0.00, 0.11
HSL	181°, 66%, 66%
HSV	181°, 51%, 89%
XYZ	46.9387, 62.1818, 81.4799
YIQ	190.4410, -67.9900, -23.3340

# Conversions

## Conversions Part 2

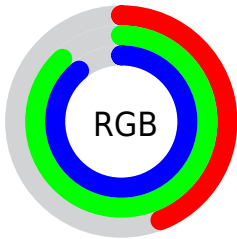
Format	Color
<a href="#">RYB</a>	<a href="#">111, 168, 226</a>
Decimal	<a href="#">7332066</a>
CIELab	<a href="#">83.01, -31.55, -10.87</a>
CIELCh	<a href="#">83, 33.372, 199.009</a>
Yxy	<a href="#">62.1818, 0.2463, 0.3262</a>
Android (android.graphics.Color)	<a href="#">4285522146</a> ( <a href="#">0xFF6FE0E2</a> )
YUV	<a href="#">190.4410, 17.5306, -69.6698</a>
Hunter-Lab	<a href="#">78.8554, -31.7450, -6.0645</a>

# Details

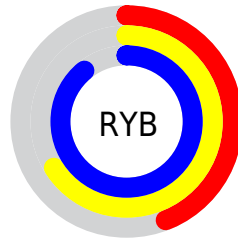
The Android color `4285522146` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293030255`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4289462271`, and `4281116843` is the 20% darker color. If you saturate the color by 10%, you get `4284014818`, and if you desaturate by 10%, it is `4287029474`.

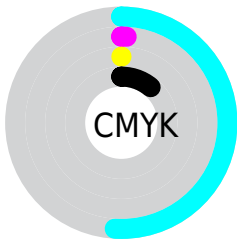
# Distribution



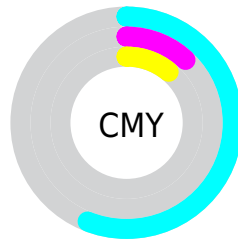
- Red (44%)
- Green (88%)
- Blue (89%)



- Red (44%)
- Yellow (66%)
- Blue (89%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (12%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285522146 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 4285522146 by changing the saturation by 10% instead.



 4285522146

 4285522146

4294967295

 4283483334

 4289462271

 4281116843

 4291362815

 4278226576

 4293328895

 4278219895

 4278213470

 4278207046

 4278201392

 4278194971

 4278190080

 4285522146

 4285522146

 4284014818

 4287029474

 4282572770

 4288471522

 4281065442

 4289978850

 4279623394

 4291420898

 4278247138

 4292928226

 4294435554

 4294960098

 4294960354

# Harmonies

## Analogous

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



4287225794



4285522146



4285718013

# Triad

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



4285522146



4293640440



4293970321

# Complementary

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



4285522146



4293030255

# 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.



4294950817



4285522146



4294949340

# Square

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



4285522146



4291021823



4294949052



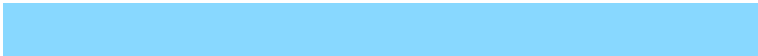
4291875731

# Rectangle

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



4285522146



4287158527



4294949052



4294493589



# Sweetspot

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



4285522146



4292476671



4285522545



4285104000



4278190080



4286611584



# Same Dimension

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



4285522146



4284742911



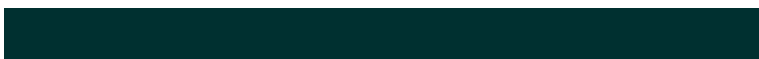
4285507554



4284838000



4278234544



4278202416



# Inverse Universe

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



4293029856



4294927356



4293044847



4285556080



4289724589

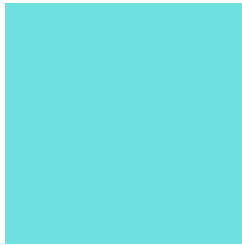


4281335856



# Previews

## White Background



This preview shows how the Android color 4285522146 looks on a white background.

## Color Contrast Check

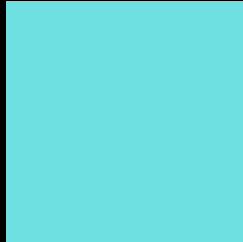
Large Text (above 18pt) WCAG AA × Fail

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 4285522146 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 4285522146 Background



This preview shows how black text looks on a background with the Android color 4285522146.

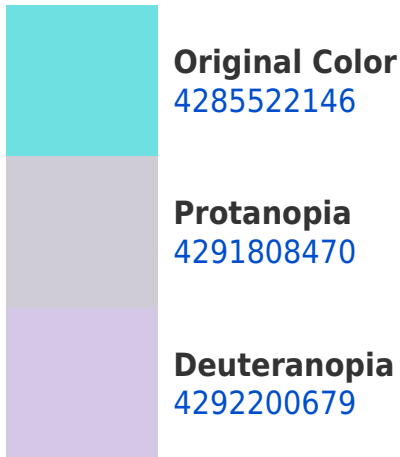


This preview shows how white text looks on a background with the Android color 4285522146.

# 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**

4285522146



**Protanomaly**

4289516506



**Deuteranomaly**

4289778149



**Tritanomaly**

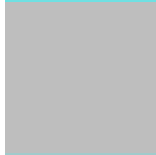
4285718507

# Monochromacy



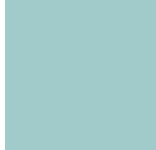
**Original Color**

4285522146



**Achromatopsia**

4290690750



**Achromatomaly**

4288793291

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285522146 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(111, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(111, 224, 226)  
}
```

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(111, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 224, 226) }
```

## Border

The CSS property to change the border of an element to Android 4285522146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

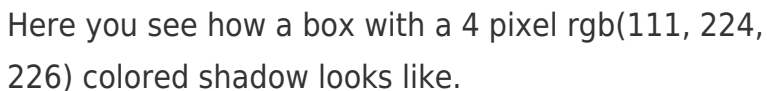
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 224, 226) }
```

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

```
.border{ border-color:rgb(111, 224, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 224, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 224, 226); box-shadow:4px 4px 4px 4px rgb(111, 224, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4285522146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 224, 226) }
```

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

```
.background{ background-color: rgb(111,  
224, 226) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor