

# Converting Colors

Android(4285844926)

Have a look what the booklet for  
Android(4285844926) contains.

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# **Color**

**Android(4285844926)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74CDBE
RGB	116, 205, 190
RGB Percent	45%, 80%, 75%
CMY	0.5451, 0.1961, 0.2549
CMYK	0.43, 0.00, 0.07, 0.20
HSL	170°, 47%, 63%
HSV	170°, 43%, 80%
XYZ	38.3280, 51.0934, 56.5571
YIQ	176.6790, -48.2290, -23.5330

# Conversions

## Conversions Part 2

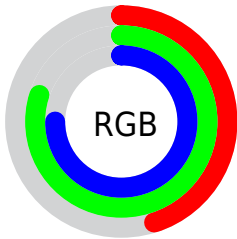
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	116, 165, 205
Decimal	7654846
CIE <sub>Lab</sub>	76.74, -30.32, -0.88
CIE <sub>LCh</sub>	77, 30.336, 181.665
Y <sub>xy</sub>	51.0934, 0.2626, 0.3500
Android (android.graphics.Color)	4285844926 (0xFF74CDBE)
YUV	176.6790, 6.5673, -53.2155
Hunter-Lab	71.4796, -29.3759, 3.1235

# Details

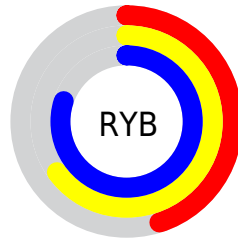
The Android color `4285844926` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291654787`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4289527798`, and `4282095241` is the 20% darker color. If you saturate the color by 10%, you get `4284534203`, and if you desaturate by 10%, it is `4287221185`.

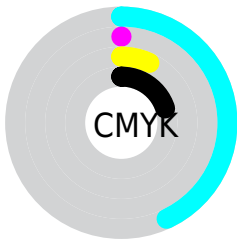
# Distribution



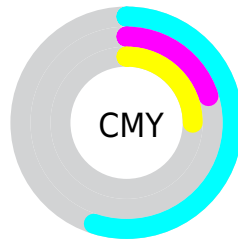
- Red (45%)
- Green (80%)
- Blue (75%)



- Red (45%)
- Yellow (65%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (55%)
- Magenta (20%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285844926 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 4285844926 by changing the saturation by 10% instead.





4285844926



4285844926

4294967295



4284002723



4289527798



4282095241



4291428351



4279860335



4293328895



4278215511



4278209088



4278203178



4278198293



4278190080



4285844926



4285844926

■ 4284534203

■ 4287221185

■ 4283157943

■ 4288531909

■ 4281781684

■ 4289908168

■ 4280470960

■ 4291218892

■ 4279094701

■ 4292595151

■ 4278242730

■ 4293905875

■ 4294954454

■ 4294954458

■ 4294954461

# Harmonies

## Analogous

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



4287744674



4285844926



4284927194

# Triad

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



4285844926



4291081965



4293440397

# Complementary

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



4285844926



4291654787

# 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.



4294290337



4285844926



4293111256

# Square

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



4285844926



4288462837



4294224317



4291869829

# Rectangle

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



4285844926



4285450728



4294224317



4293767314

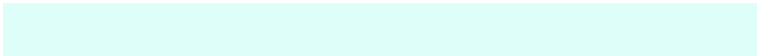


# Sweetspot

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



4285844926



4292804601



4286893428



4285235324



4278190080



4286611584



# Same Dimension

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



4285844926



4286250985



4285837773



4284245604



4278232714



4278199840



# Inverse Universe

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



4291654787



4294933137



4291661940



4284898398



4289069084

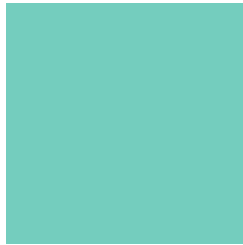


4280680454



# Previews

## White Background



This preview shows how the Android color 4285844926 looks on a white background.

## Color Contrast Check

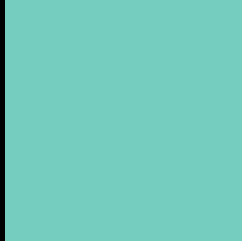
Large Text (above 18pt) WCAG AA × Fail

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 4285844926 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 4285844926 Background



This preview shows how black text looks on a background with the Android color 4285844926.



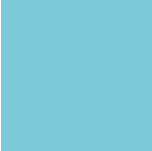
This preview shows how white text looks on a background with the Android color 4285844926.

# 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**  
4286368217

# Trichromacy



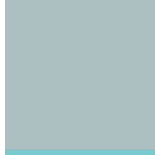
**Original Color**

4285844926



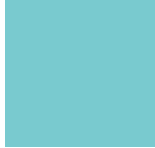
**Protanomaly**

4289118904



**Deuteranomaly**

4289511361



**Tritanomaly**

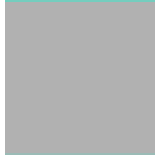
4286171855

# Monochromacy



**Original Color**

4285844926



**Achromatopsia**

4289835441



**Achromatomaly**

4288396214

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285844926 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(116, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(116, 205, 190)  
}
```

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(116, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 205, 190) }
```

## Border

The CSS property to change the border of an element to Android 4285844926 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(116, 205, 190) }
```

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

```
.border{ border-color:rgb(116, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(116, 205,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4285844926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 205, 190) }
```

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

```
.background{ background-color: rgb(116,  
205, 190) }
```

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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