

# Converting Colors

Android(4286379725)

Have a look what the booklet for  
Android(4286379725) contains.

<b>Android(4286379725)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4286379725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CF6CD
RGB	124, 246, 205
RGB Percent	49%, 96%, 80%
CMY	0.5137, 0.0353, 0.1961
CMYK	0.50, 0.00, 0.17, 0.04
HSL	160°, 87%, 73%
HSV	160°, 50%, 96%
XYZ	52.2874, 74.6044, 69.4019
YIQ	204.8480, -59.5510, -38.6150

# Conversions

## Conversions Part 2

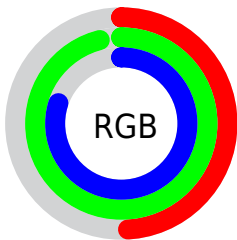
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 197, 246
Decimal	8189645
CIELab	89.21, -43.79, 9.27
CIElCh	89, 44.760, 168.046
Yxy	74.6044, 0.2664, 0.3801
Android (android.graphics.Color)	4286379725 (0xFF7CF6CD)
YUV	204.8480, 0.0749, -70.9037
Hunter-Lab	86.3738, -43.0972, 12.8218

# Details

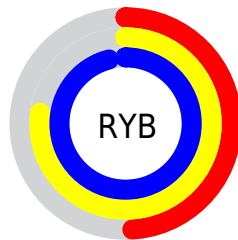
The Android color `4286379725` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294343845`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4290248703`, and `4282301847` is the 20% darker color. If you saturate the color by 10%, you get `4284741317`, and if you desaturate by 10%, it is `4288018133`.

# Distribution



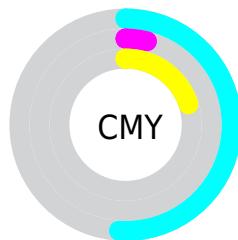
- Red (49%)
- Green (96%)
- Blue (80%)



- Red (49%)
- Yellow (77%)
- Blue (96%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286379725 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 4286379725 by changing the saturation by 10% instead.





4286379725



4286379725

4294967295



4284406194



4290248703



4282301847



4292214783



4279345533



4294180863



4278224740



4278218060



4278211381



4278205216



4278199817



4278190080

 4286379725


 4286379725

 4284741317

 4288018133

 4283168444

 4289591006

 4281530036

 4291229414

 4279957164

 4292802286

 4278318756

 4294440694

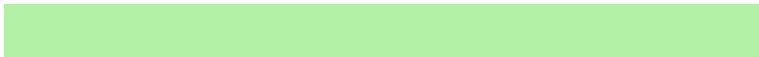
 4278253219

 4294964991

# Harmonies

## Analogous

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



4289917094



4286379725



4282710009

# Triad

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



4286379725



4291615743



4294953378

# Complementary

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



4286379725



4294343845

# 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.



4294951112



4286379725



4294954239

# Square

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



4286379725



4287031807



4294951411



4294957197

# Rectangle

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



4286379725



4281791999



4294951411



4294952366

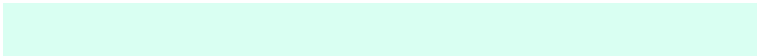


# Sweetspot

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



4286379725



4292476914



4289197692



4285104248



4278190080



4286611584



# Same Dimension

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



4286379725



4284940236



4286375158



4285430390



4278237820



4278205223



# Inverse Universe

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



4294343845



4294928025



4294348412



4286213746



4290379839

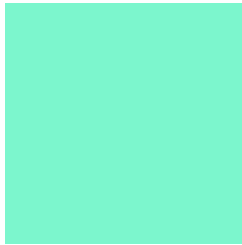


4282056724



# Previews

## White Background



This preview shows how the Android color 4286379725 looks on a white background.

## Color Contrast Check

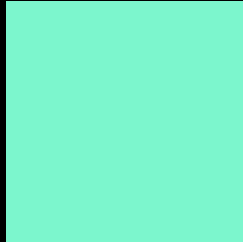
Large Text (above 18pt) WCAG AA × Fail

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 4286379725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

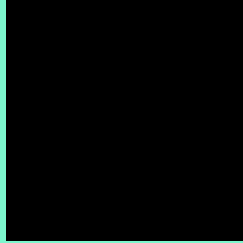
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286379725 Background



This preview shows how black text looks on a background with the Android color 4286379725.




This preview shows how white text looks on a background with the Android color 4286379725.

# 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**  
4288015871

# Trichromacy



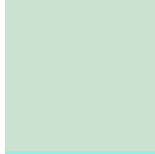
**Original Color**

4286379725



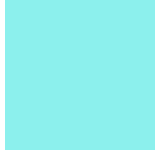
**Protanomaly**

4290963397



**Deuteranomaly**

4291551953



**Tritanomaly**

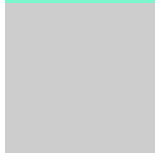
4287426797

# Monochromacy



**Original Color**

4286379725



**Achromatopsia**

4291677645



**Achromatomaly**

4289780941

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286379725 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(124, 246, 205)` looks like.

```
.text, #text, p{  
    color:rgb(124, 246, 205)  
}
```

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(124, 246, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 246, 205) }
```

## Border

The CSS property to change the border of an element to Android 4286379725 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(124, 246, 205) }
```

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

```
.border{ border-color:rgb(124, 246, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 246, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 246, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 246, 205);  
box-shadow:4px 4px 4px 4px rgb(124, 246,  
205) }
```

# Background

The CSS property to change the background color of an element to Android 4286379725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 246, 205) }
```

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

```
.background{ background-color: rgb(124,  
246, 205) }
```

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