

# Converting Colors

Android(4286119895)

Have a look what the booklet for  
Android(4286119895) contains.

<b>Android(4286119895)</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(4286119895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78FFD7
RGB	120, 255, 215
RGB Percent	47%, 100%, 84%
CMY	0.5294, 0.0000, 0.1569
CMYK	0.53, 0.00, 0.16, 0.00
HSL	162°, 100%, 74%
HSV	162°, 53%, 100%
XYZ	55.7715, 80.4194, 76.8730
YIQ	210.0750, -67.6200, -41.0600

# Conversions

## Conversions Part 2

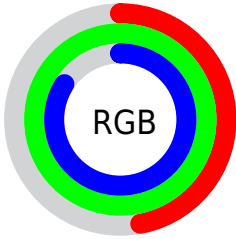
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 199, 255</a>
Decimal	<a href="#">7929815</a>
CIELab	<a href="#">91.87, -46.37, 7.90</a>
CIELCh	<a href="#">92, 47.041, 170.333</a>
Yxy	<a href="#">80.4194, 0.2618, 0.3774</a>
Android (android.graphics.Color)	<a href="#">4286119895 (0xFF78FFD7)</a>
YUV	<a href="#">210.0750, 2.4280, -78.9958</a>
Hunter-Lab	<a href="#">89.6768, -45.9225, 11.9491</a>

# Details

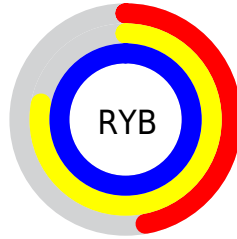
The Android color `4286119895` is a light color, and the websafe version is hex `66FFCC`. A complement of this color would be `4294932640`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4290052095`, and `4281714336` is the 20% darker color. If you saturate the color by 10%, you get `4284481487`, and if you desaturate by 10%, it is `4287823839`.

# Distribution



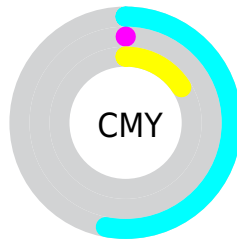
- Red (47%)
- Green (100%)
- Blue (84%)



- Red (47%)
- Yellow (78%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286119895 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 4286119895 by changing the saturation by 10% instead.





4286119895



4286119895

4294967295



4284080827



4290052095



4281714336



4292083711



4278233734



4294049791



4278226797



4278219861



4278213437



4278207016



4278201363



4278193408

■ 4286119895

■ 4286119895

■ 4284481487

■ 4287823839

■ 4282777544

■ 4289462246

■ 4281139136

■ 4291100654

■ 4279435193

■ 4292804597

■ 4278255539

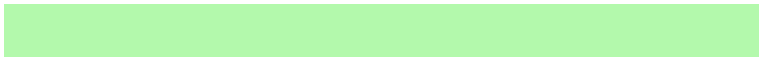
■ 4294508541

4294967295

# Harmonies

## Analogous

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



4289984940



4286119895



4281860095

# Triad

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



4286119895



4292403711



4294955172

# Complementary

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



4286119895



4294932640

# 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.



4294952651



4286119895



4294955519

# Square

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



4286119895



4287492607



4294952696



4294959246

# Rectangle

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



4286119895



4281007615



4294952696

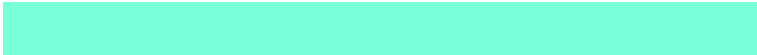


4294954159

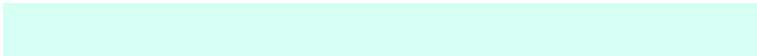


# Sweetspot

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



4286119895



4292280307



4288806776



4284973176



4278190080

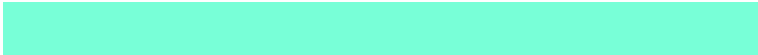


4286611584



# Same Dimension

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



4286119895



4284284879



4286113023



4285759612



4278239111



4278206509



# Inverse Universe

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



4294932640



4294925452



4294939512



4286608247



4290707513

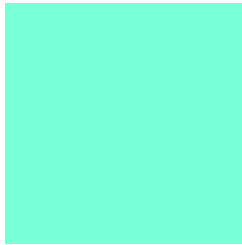


4282384403



# Previews

## White Background



This preview shows how the Android color 4286119895 looks on a white background.

## Color Contrast Check

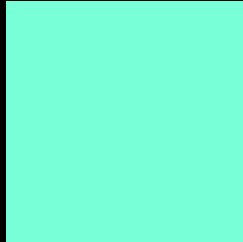
Large Text (above 18pt) WCAG AA × Fail

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 4286119895 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

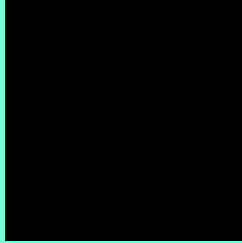
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286119895 Background



This preview shows how black text looks on a background with the Android color 4286119895.

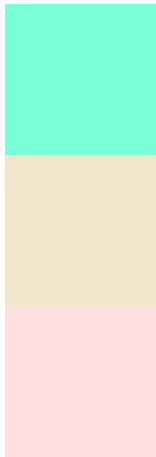


This preview shows how white text looks on a background with the Android color 4286119895.

# 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



**Original Color**  
4286119895

**Protanopia**  
4294043082

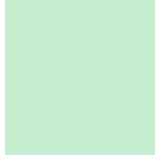
**Deuteranopia**  
4294958814



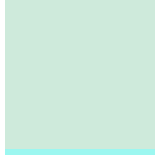
# Trichromacy



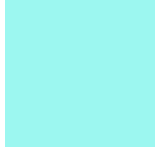
**Original Color**  
4286119895



**Protanomaly**  
4291161807



**Deuteranomaly**  
4291750619

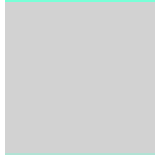


**Tritanomaly**  
4288477168

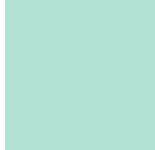
# Monochromacy



**Original Color**  
4286119895



**Achromatopsia**  
4292006610



**Achromatomaly**  
4289848020

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286119895 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(120, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(120, 255, 215)  
}
```

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(120, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 215) }
```

## Border

The CSS property to change the border of an element to Android 4286119895 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(120, 255, 215) }
```

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

```
.border{ border-color:rgb(120, 255, 215) }
```

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

Here you see how a box with a 4 pixel rgb(120, 255, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(120, 255,  
215) }
```

# Background

The CSS property to change the background color of an element to Android 4286119895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 215) }
```

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

```
.background{ background-color: rgb(120,  
255, 215) }
```

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