

# Converting Colors

Android(4286509770)

Have a look what the booklet for  
Android(4286509770) contains.

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**Color**

**Android(4286509770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EF2CA
RGB	126, 242, 202
RGB Percent	49%, 95%, 79%
CMY	0.5059, 0.0510, 0.2078
CMYK	0.48, 0.00, 0.17, 0.05
HSL	159°, 82%, 72%
HSV	159°, 48%, 95%
XYZ	51.0170, 72.2041, 67.1250
YIQ	202.7560, -56.2960, -37.0320

# Conversions

## Conversions Part 2

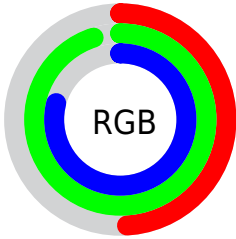
Format	Color
<a href="#">RYB</a>	<a href="#">126, 196, 242</a>
Decimal	<a href="#">8319690</a>
CIELab	<a href="#">88.07, -42.22, 9.21</a>
CIElCh	<a href="#">88, 43.211, 167.697</a>
Yxy	<a href="#">72.2041, 0.2680, 0.3793</a>
Android (android.graphics.Color)	<a href="#">4286509770 (0xFF7EF2CA)</a>
YUV	<a href="#">202.7560, -0.3727, -67.3150</a>
Hunter-Lab	<a href="#">84.9730, -41.5331, 12.6446</a>

# Details

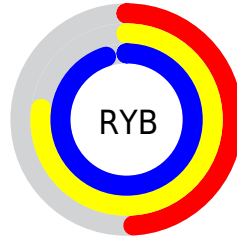
The Android color `4286509770` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294082214`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4290314239`, and `4282562964` is the 20% darker color. If you saturate the color by 10%, you get `4284936898`, and if you desaturate by 10%, it is `4288082642`.

# Distribution



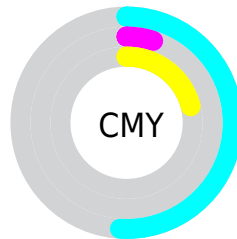
- Red (49%)
- Green (95%)
- Blue (79%)



- Red (49%)
- Yellow (77%)
- Blue (95%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286509770 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 4286509770 by changing the saturation by 10% instead.



 4286509770

 4286509770

4294967295

 4284601775

 4290314239

 4282562964

 4292280319

 4280000122

 4294246399

 4278223713

 4278217034

 4278210611

 4278204446

 4278199045

 4278190080

 4286509770


 4286509770

 4284936898

 4288082642

 4283364025

 4289655515

 4281725617

 4291293923

 4280152745

 4292866795

 4278579872

 4294439668

 4278252191

 4294963964

 4294963967

# Harmonies

## Analogous

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



4289850532



4286509770



4283233268

# Triad

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



4286509770



4291418367



4294952866

# Complementary

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



4286509770



4294082214

# 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.



4294950598



4286509770



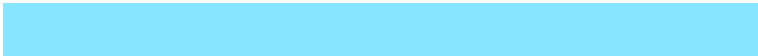
4294953727

# Square

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



4286509770



4287096575



4294950896



4294956429

# Rectangle

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



4286509770



4282446335



4294950896



4294951853

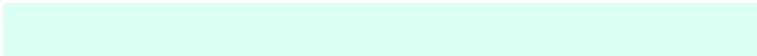


# Sweetspot

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



4286509770



4292607987



4289196670



4285169784



4278190080



4286611584



# Same Dimension

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



4286509770



4285267916



4286505458



4285298804



4278237304



4278204453



# Inverse Universe

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



4294082214



4294929310



4294086526



4286082160



4290248767

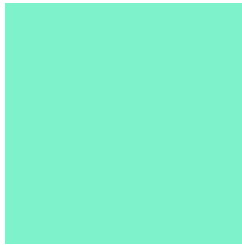


4281860115



# Previews

## White Background



This preview shows how the Android color 4286509770 looks on a white background.

## Color Contrast Check

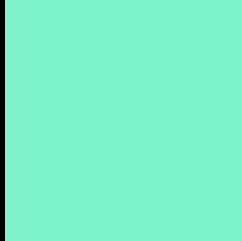
Large Text (above 18pt) WCAG AA × Fail

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 4286509770 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 4286509770 Background



This preview shows how black text looks on a background with the Android color 4286509770.



This preview shows how white text looks on a background with the Android color 4286509770.

# 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



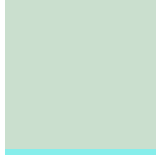
**Original Color**

4286509770



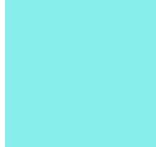
**Protanomaly**

4290831298



**Deuteranomaly**

4291485646



**Tritanomaly**

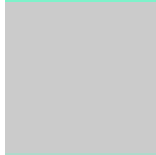
4287098603

# Monochromacy



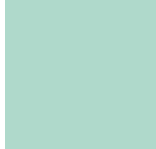
**Original Color**

4286509770



**Achromatopsia**

4291546059



**Achromatomaly**

4289714635

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286509770 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(126, 242, 202)` looks like.

```
.text, #text, p{  
    color:rgb(126, 242, 202)  
}
```

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(126, 242, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 242, 202) }
```

## Border

The CSS property to change the border of an element to Android 4286509770 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(126, 242, 202) }
```

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

```
.border{ border-color:rgb(126, 242, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 242, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 242, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 242, 202); box-shadow:4px 4px 4px 4px rgb(126, 242, 202) }
```

# Background

The CSS property to change the background color of an element to Android 4286509770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 242, 202) }
```

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

```
.background{ background-color: rgb(126,  
242, 202) }
```

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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