

# Converting Colors

Android(4286506942)

Have a look what the booklet for  
Android(4286506942) contains.

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# **Color**

**Android(4286506942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EE7BE
RGB	126, 231, 190
RGB Percent	49%, 91%, 75%
CMY	0.5059, 0.0941, 0.2549
CMYK	0.45, 0.00, 0.18, 0.09
HSL	157°, 69%, 70%
HSV	157°, 45%, 91%
XYZ	46.4744, 65.3052, 58.8709
YIQ	194.9310, -49.4190, -35.0110

# Conversions

## Conversions Part 2

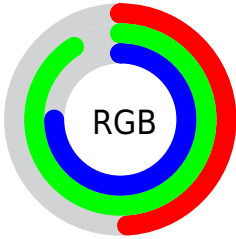
Format	Color
<a href="#">RYB</a>	<a href="#">126, 191, 231</a>
Decimal	<a href="#">8316862</a>
CIELab	<a href="#">84.64, -39.89, 10.59</a>
CIElCh	<a href="#">85, 41.269, 165.138</a>
Yxy	<a href="#">65.3052, 0.2723, 0.3827</a>
Android (android.graphics.Color)	<a href="#">4286506942 (0xFF7EE7BE)</a>
YUV	<a href="#">194.9310, -2.4310, -60.4525</a>
Hunter-Lab	<a href="#">80.8116, -38.7658, 13.3756</a>

# Details

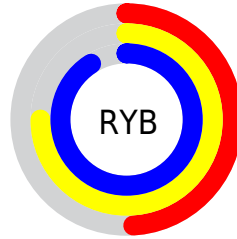
The Android color `4286506942` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293361319`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290248694`, and `4282691465` is the 20% darker color. If you saturate the color by 10%, you get `4284999605`, and if you desaturate by 10%, it is `4288014279`.

# Distribution



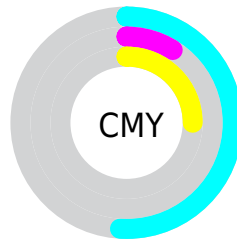
- Red (49%)
- Green (91%)
- Blue (75%)



- Red (49%)
- Yellow (75%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286506942 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 4286506942 by changing the saturation by 10% instead.



 4286506942

 4286506942

4294967295

 4284599203

 4290248694

 4282691465

 4292214783

 4280456303

 4294115327

 4278221143

 4278214719

 4278208297

 4278202389

 4278196480

 4278190080

 4286506942

 4286506942

 4284999605

 4288014279

 4283492268

 4289521616

 4281984931

 4291028953

 4280477594

 4292536290

 4278904721

 4294109163

 4278249357

 4294961140

 4294961149

 4294961151

# Harmonies

## Analogous

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



4289651099



4286506942



4283427046

# Triad

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



4286506942



4290564351



4294950302

# Complementary

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



4286506942



4293361319

# 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.



4294948545



4286506942



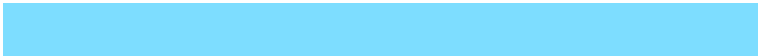
4294034175

# Square

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



4286506942



4286438911



4294949096



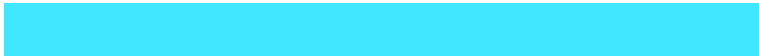
4294953608

# Rectangle

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



4286506942



4282509311



4294949096



4294949544

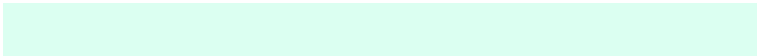


# Sweetspot

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



4286506942



4292607985



4289259390



4285169783



4278190080



4286611584



# Same Dimension

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



4286506942



4285792200



4286504167



4284969838



4278236013



4278203167



# Inverse Universe

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



4293361319



4294931370



4293364094



4285753196



4289921094

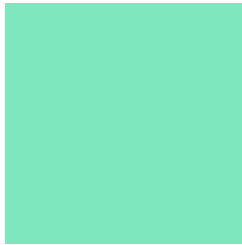


4281532436



# Previews

## White Background



This preview shows how the Android color 4286506942 looks on a white background.

## Color Contrast Check

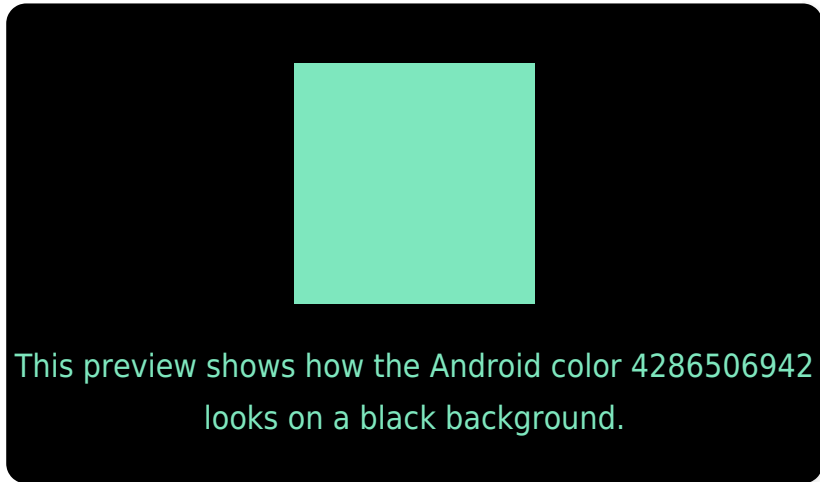
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4286506942 Background



This preview shows how black text looks on a background with the Android color 4286506942.



This preview shows how white text looks on a background with the Android color 4286506942.

# 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**

4286506942



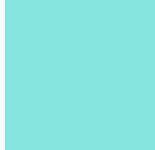
**Protanomaly**

4290435511



**Deuteranomaly**

4291024322



**Tritanomaly**

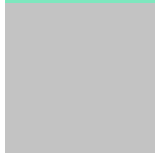
4287095775

# Monochromacy



**Original Color**

4286506942



**Achromatopsia**

4291019715



**Achromatomaly**

4289384641

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286506942 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, 231, 190)` looks like.

```
.text, #text, p{  
    color:rgb(126, 231, 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(126, 231, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 231, 190) }
```

## Border

The CSS property to change the border of an element to Android 4286506942 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, 231, 190) }
```

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

```
.border{ border-color:rgb(126, 231, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 231, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 231, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 231, 190);  
box-shadow:4px 4px 4px 4px rgb(126, 231,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4286506942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 231, 190) }
```

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

```
.background{ background-color: rgb(126,  
231, 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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