

# Converting Colors

Android(4278253446)

Have a look what the booklet for  
Android(4278253446) contains.

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# **Color**

**Android(4278253446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00F786
RGB	0, 247, 134
RGB Percent	0%, 97%, 53%
CMY	1.0000, 0.0314, 0.4745
CMYK	1.00, 0.00, 0.46, 0.03
HSL	153°, 100%, 48%
HSV	153°, 100%, 97%
XYZ	37.5638, 68.2428, 33.7466
YIQ	160.2650, -110.9390, -87.5070

# Conversions

## Conversions Part 2

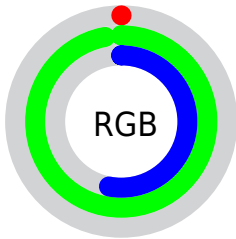
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 160, 247</a>
Decimal	<a href="#">63366</a>
CIELab	<a href="#">86.13, -73.28, 40.73</a>
CIELCh	<a href="#">86, 83.838, 150.931</a>
Yxy	<a href="#">68.2428, 0.2692, 0.4890</a>
Android (android.graphics.Color)	<a href="#">4278253446 (0xFF00F786)</a>
YUV	<a href="#">160.2650, -12.9486, -140.5524</a>
Hunter-Lab	<a href="#">82.6092, -63.3990, 33.6059</a>

# Details

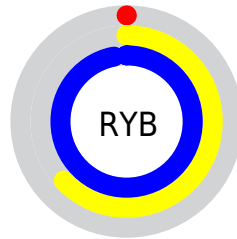
The Android color **4278253446** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **4294377585**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4285661117**, and **4278238546** is the 20% darker color. If you saturate the color by 10%, you get **4278253446**, and if you desaturate by 10%, it is **4279891857**.

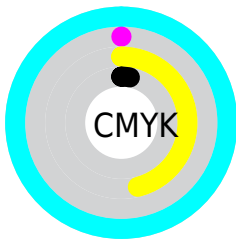
# Distribution



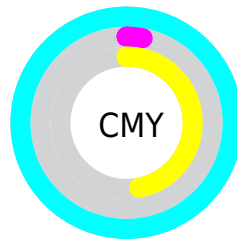
- Red (0%)
- Green (97%)
- Blue (53%)



- Red (0%)
- Yellow (63%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278253446 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 4278253446 by changing the saturation by 10% instead.



 4278253446

 4278253446

4294967295

 4278245996

 4285661117

 4278238546

 4287954905

 4278231353

 4290117622

 4278224159

 4292214783

 4278217216

 4294311935

 4278210560

 4278204416

 4278197760

 4278190080

 4278253446

 4279891857

 4281464733

 4283103144

 4284741555

 4286379967

 4287952842

 4289591253

 4291229664

 4292802540

# Harmonies

## Analogous

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



4289587775



4278253446



4278255064

# Triad

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



4278253446



4278247679



4294940298

# Complementary

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



4278253446



4294377585

# 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.



4294937048



4278253446



4292526591

# Square

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



4278253446



4278252543



4294942463



4294948424

# Rectangle

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



4278253446



4278255103



4294942463



4294938276

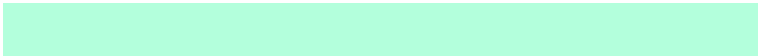


# Sweetspot

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



4278253446



4289986524



4285789952



4283596907



4278190080



4286611584



# Same Dimension

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



4278253446



4278255498



4278251511



4285430389



4278237797



4278205216



# Inverse Universe

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



4294377585



4294901877



4294379520



4286213748



4290379861

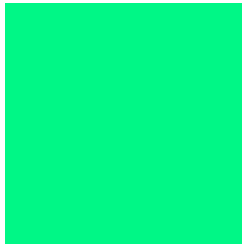


4282056731



# Previews

## White Background



This preview shows how the Android color 4278253446 looks on a white background.

## Color Contrast Check

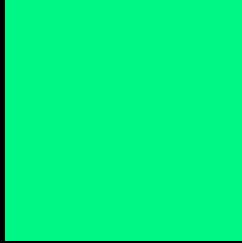
Large Text (above 18pt) WCAG AA × Fail

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 4278253446 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 4278253446 Background



This preview shows how black text looks on a background with the Android color 4278253446.



This preview shows how white text looks on a background with the Android color 4278253446.

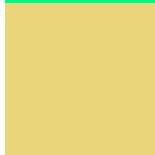
# Color Blindness Simulation

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**  
4278253446



**Protanopia**  
4293580154



**Deuteranopia**  
4294954129



# Trichromacy



**Original Color**

4278253446



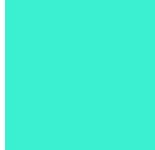
**Protanomaly**

4288012670



**Deuteranomaly**

4288863373



**Tritanomaly**

4282118097

# Monochromacy



**Original Color**

4278253446



**Achromatopsia**

4288716960



**Achromatomaly**

4284924055

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278253446 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(0, 247, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 247, 134)  
}
```

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(0, 247, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 247, 134) }
```

## Border

The CSS property to change the border of an element to Android 4278253446 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(0, 247, 134) }
```

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

```
.border{ border-color:rgb(0, 247, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 247, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 247, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 247, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 247,  
134) }
```

# Background

The CSS property to change the background color of an element to Android 4278253446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 247, 134) }
```

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

```
.background{ background-color: rgb(0, 247,  
134) }
```

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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