

# Converting Colors

Android(4281397876)

Have a look what the booklet for  
Android(4281397876) contains.

<b>Android(4281397876)</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(4281397876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30F274
RGB	48, 242, 116
RGB Percent	19%, 95%, 45%
CMY	0.8118, 0.0510, 0.5451
CMYK	0.80, 0.00, 0.52, 0.05
HSL	141°, 88%, 57%
HSV	141°, 80%, 95%
XYZ	36.1234, 65.3936, 27.2413
YIQ	169.6300, -75.1780, -80.3140

# Conversions

## Conversions Part 2

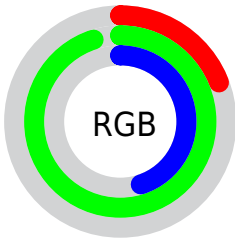
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 192, 242
Decimal	3207796
CIELab	84.69, -71.82, 47.57
CIELCh	85, 86.143, 146.478
Yxy	65.3936, 0.2806, 0.5079
Android (android.graphics.Color)	4281397876 (0xFF30F274)
YUV	169.6300, -26.4396, -106.6695
Hunter-Lab	80.8663, -61.7791, 36.6335

# Details

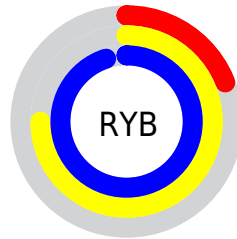
The Android color `4281397876` is a dark color, and the websafe version is hex `33FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294062254`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4286513066`, and `4278237248` is the 20% darker color. If you saturate the color by 10%, you get `4279824996`, and if you desaturate by 10%, it is `4282970756`.

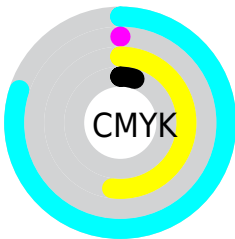
# Distribution



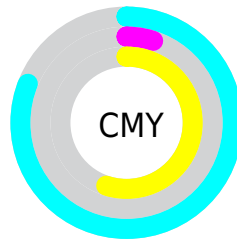
- Red (19%)
- Green (95%)
- Blue (45%)



- Red (19%)
- Yellow (75%)
- Blue (95%)



- Cyan (80%)
- Magenta (0%)
- Yellow (52%)
- Black (5%)



- Cyan (81%)
- Magenta (5%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281397876 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 4281397876 by changing the saturation by 10% instead.





4281397876



4281397876

4294967295



4278244698



4286513066



4278237248



4288675782



4278230053



4290772963



4278223105



4292804607



4278216192

4294901759



4278209536



4278203392




4278196480



4278190080

 4281397876

 4281397876

 4279824996

 4282970756

 4278252117

 4284543635

 4286182051

 4287754931

 4289327811

 4290900690

 4292473570

 4294111986

 4294963967

# Harmonies

## Analogous

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



4290044969



4281397876



4278254023

# Triad

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



4281397876



4278247679



4294937488

# Complementary

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



4281397876



4294062254

# 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.



4294935265



4281397876



4290757375

# Square

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



4281397876



4278252287



4294941951



4294945608

# Rectangle

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



4281397876



4278254079



4294941951



4294935722

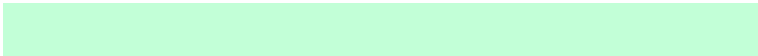


# Sweetspot

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



4281397876



4290969559



4289655344



4284186727



4278190080



4286611584



# Same Dimension

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



4281397876



4278910816



4281397973



4285298800



4278237248



4278204436



# Inverse Universe

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



4294062254



4294904489



4294062157



4286082164



4290248823

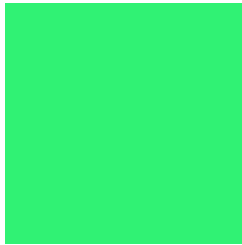


4281860132



# Previews

## White Background



This preview shows how the Android color 4281397876 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 4281397876 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 4281397876 Background



This preview shows how black text looks on a background with the Android color 4281397876.

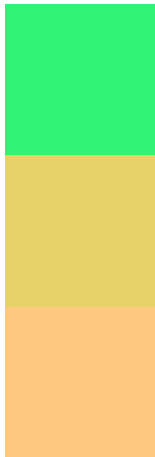


This preview shows how white text looks on a background with the Android color 4281397876.

# 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](#).

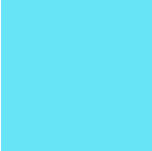
## Dichromacy



**Original Color**  
4281397876

**Protanopia**  
4293382761

**Deuteranopia**  
4294887551



**Tritanopia**  
4284998902

# Trichromacy



**Original Color**

4281397876



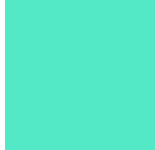
**Protanomaly**

4288994925



**Deuteranomaly**

4289976187



**Tritanomaly**

4283689415

# Monochromacy



**Original Color**

4281397876



**Achromatopsia**

4289374890



**Achromatomaly**

4286497942

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281397876 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(48, 242, 116)` looks like.

```
.text, #text, p{  
    color:rgb(48, 242, 116)  
}
```

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(48, 242, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 242, 116) }
```

## Border

The CSS property to change the border of an element to Android 4281397876 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(48, 242, 116) }
```

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

```
.border{ border-color:rgb(48, 242, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 242, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 242, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 242, 116);  
box-shadow:4px 4px 4px 4px rgb(48, 242,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4281397876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 242, 116) }
```

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

```
.background{ background-color: rgb(48, 242,  
116) }
```

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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