

# Converting Colors

Android(4282902127)

Have a look what the booklet for  
Android(4282902127) contains.

<b>Android(4282902127)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4282902127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47E66F
RGB	71, 230, 111
RGB Percent	28%, 90%, 44%
CMY	0.7216, 0.0980, 0.5647
CMYK	0.69, 0.00, 0.52, 0.10
HSL	135°, 76%, 59%
HSV	135°, 69%, 90%
XYZ	33.7646, 59.0809, 24.6631
YIQ	168.8930, -56.5650, -70.7170

# Conversions

## Conversions Part 2

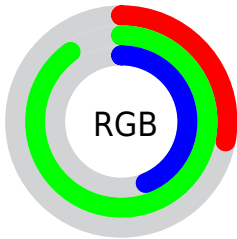
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 198, 230
Decimal	4712047
CIELab	81.34, -65.44, 45.91
CIELCh	81, 79.933, 144.950
Yxy	59.0809, 0.2873, 0.5028
Android (android.graphics.Color)	4282902127 (0xFF47E66F)
YUV	168.8930, -28.5412, -85.8522
Hunter-Lab	76.8641, -56.1014, 34.7807

# Details

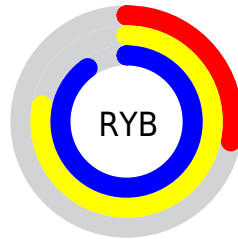
The Android color `4282902127` is a dark color, and the websafe version is hex `00CC66`. The color can be described as middle muted spring green. A complement of this color would be `4293281726`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4287299493`, and `4278234427` is the 20% darker color. If you saturate the color by 10%, you get `4281394782`, and if you desaturate by 10%, it is `4284409472`.

# Distribution



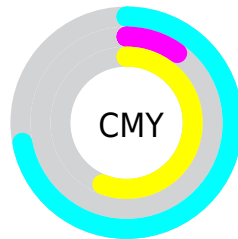
- Red (28%)
- Green (90%)
- Blue (44%)



- Red (28%)
- Yellow (78%)
- Blue (90%)



- Cyan (69%)
- Magenta (0%)
- Yellow (52%)
- Black (10%)



- Cyan (72%)
- Magenta (10%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282902127 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 4282902127 by changing the saturation by 10% instead.





4282902127



4282902127

4294967295



4279617877



4287299493



4278234427



4289331137



4278227232



4291297245



4278220544



4293328890



4278213632



4278207232



4278201088



4278192384



4278190080

 4282902127

 4282902127

 4281394782

 4284409472

 4279887437

 4285916817

 4278380091

 4287424163

 4278249018

 4288931508

 4290438853

 4291946198

 4293453543

 4294960889

 4294960895

# Harmonies

## Analogous

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



4289976367



4282902127



4278250683

# Triad

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



4282902127



4278245375



4294936720

# Complementary

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



4282902127



4293281726

# 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.



4294935258



4282902127



4289903871

# Square

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



4282902127



4278249471



4294941439



4294943822

# Rectangle

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



4282902127



4278250991



4294941439



4294935208

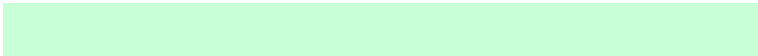


# Sweetspot

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



4282902127



4291428311



4290700871



4284514408



4278190080



4286611584



# Same Dimension

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



4282902127



4281073505



4282902206



4284969834



4278235949



4278203149



# Inverse Universe

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



4293281726



4294912970



4293281647



4285753200



4289921158



4281532454



# Previews

## White Background



This preview shows how the Android color 4282902127 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 4282902127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

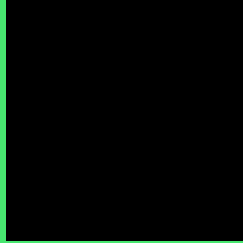
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282902127 Background



This preview shows how black text looks on a background with the Android color 4282902127.

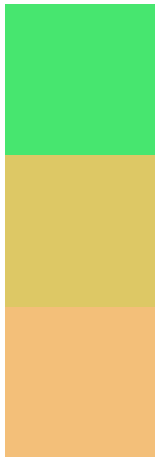


This preview shows how white text looks on a background with the Android color 4282902127.

# 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**  
4282902127

**Protanopia**  
4292724837

**Deuteranopia**  
4294164345



# Trichromacy



**Original Color**

4282902127



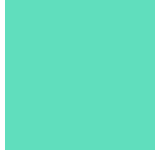
**Protanomaly**

4289123177



**Deuteranomaly**

4290039157



**Tritanomaly**

4284538557

# Monochromacy



**Original Color**

4282902127



**Achromatopsia**

4289309097



**Achromatomaly**

4286955412

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282902127 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(71, 230, 111)` looks like.

```
.text, #text, p{  
    color:rgb(71, 230, 111)  
}
```

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(71, 230, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 230, 111) }
```

## Border

The CSS property to change the border of an element to Android 4282902127 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(71, 230, 111) }
```

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

```
.border{ border-color:rgb(71, 230, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 230, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 230, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 230, 111); box-shadow:4px 4px 4px 4px rgb(71, 230, 111) }
```

# Background

The CSS property to change the background color of an element to Android 4282902127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 230, 111) }
```

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

```
.background{ background-color: rgb(71, 230,  
111) }
```

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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