

# Converting Colors

Android(4285067427)

Have a look what the booklet for  
Android(4285067427) contains.

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# **Color**

**Android(4285067427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68F0A3
RGB	104, 240, 163
RGB Percent	41%, 94%, 64%
CMY	0.5922, 0.0588, 0.3608
CMYK	0.57, 0.00, 0.32, 0.06
HSL	146°, 82%, 67%
HSV	146°, 57%, 94%
XYZ	43.4799, 67.9076, 45.4662
YIQ	190.5580, -56.3390, -52.7790

# Conversions

## Conversions Part 2

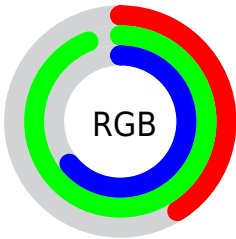
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 199, 240</a>
Decimal	<a href="#">6877347</a>
CIELab	<a href="#">85.96, -54.22, 26.31</a>
CIELCh	<a href="#">86, 60.268, 154.121</a>
Yxy	<a href="#">67.9076, 0.2772, 0.4329</a>
Android (android.graphics.Color)	<a href="#">4285067427 (0xFF68F0A3)</a>
YUV	<a href="#">190.5580, -13.5861, -75.9114</a>
Hunter-Lab	<a href="#">82.4061, -50.0287, 24.9720</a>

# Details

The Android color `4285067427` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4293945525`, and the grayscale version is `4290756543`.

A 20% lighter version of the original color is `4289003482`, and `4280268655` is the 20% darker color. If you saturate the color by 10%, you get `4283494549`, and if you desaturate by 10%, it is `4286640305`.

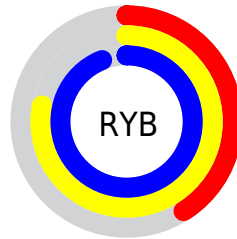
# Distribution



Red (41%)

Green (94%)

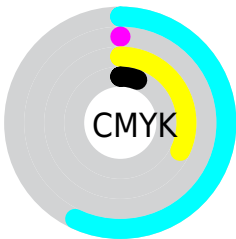
Blue (64%)



Red (41%)

Yellow (78%)

Blue (94%)

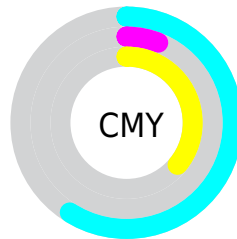


Cyan (57%)

Magenta (0%)

Yellow (32%)

Black (6%)



Cyan (59%)

Magenta (6%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285067427 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 4285067427 by changing the saturation by 10% instead.



 4285067427

 4285067427

4294967295

 4282962824

 4289003482

 4280268655

 4290969591

 4278229846

 4292935679

 4278223166

 4278216231

 4278209808

 4278203648

 4278197504


 4278190080

 4285067427

 4285067427

 4283494549

 4286640305

 4281921672

 4288213182

 4280348794

 4289786060

 4278775917

 4291358937

 4278251624

 4292931815

 4294504693

 4294963455

# Harmonies

## Analogous

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



4290176629



4285067427



4278252765

# Triad

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



4285067427



4286700287



4294946714

# Complementary

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



4285067427



4293945525

# 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.



4294944465



4285067427



4293314047

# Square

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



4285067427



4278250239



4294947071



4294951536

# Rectangle

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



4285067427



4278252799



4294947071



4294945451

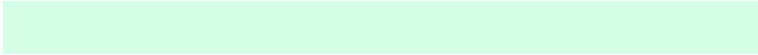


# Sweetspot

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



4285067427



4292149222



4290113640



4284907633



4278190080



4286611584



# Same Dimension

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



4285067427



4283629469



4285067495



4285298801



4278237264



4278204440



# Inverse Universe

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



4293945525



4294922932



4293945457



4286082163



4290248808

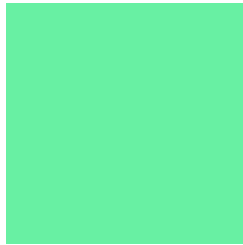


4281860128



# Previews

## White Background



This preview shows how the Android color 4285067427 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 4285067427 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 4285067427 Background



This preview shows how black text looks on a background with the Android color 4285067427.

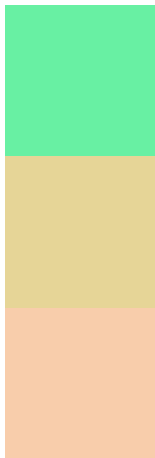


This preview shows how white text looks on a background with the Android color 4285067427.

# 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**  
4285067427

**Protanopia**  
4293318039

**Deuteranopia**  
4294495659



# Trichromacy



**Original Color**

4285067427



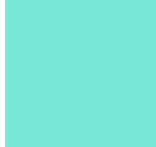
**Protanomaly**

4290305947



**Deuteranomaly**

4291091112



**Tritanomaly**

4286114265

# Monochromacy



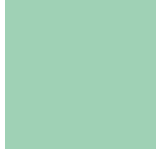
**Original Color**

4285067427



**Achromatopsia**

4290756543



**Achromatomaly**

4288663989

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285067427 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(104, 240, 163)` looks like.

```
.text, #text, p{  
    color:rgb(104, 240, 163)  
}
```

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(104, 240, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 240, 163) }
```

## Border

The CSS property to change the border of an element to Android 4285067427 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(104, 240, 163) }
```

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

```
.border{ border-color:rgb(104, 240, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 240, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 240, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 240, 163);  
box-shadow:4px 4px 4px 4px rgb(104, 240,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4285067427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 240, 163) }
```

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

```
.background{ background-color: rgb(104,  
240, 163) }
```

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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