

# Converting Colors

Android(4280087427)

Have a look what the booklet for  
Android(4280087427) contains.

<b>Android(4280087427)</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(4280087427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CF383
RGB	28, 243, 131
RGB Percent	11%, 95%, 51%
CMY	0.8902, 0.0471, 0.4863
CMYK	0.88, 0.00, 0.46, 0.05
HSL	149°, 90%, 53%
HSV	149°, 88%, 95%
XYZ	36.6262, 65.9868, 32.2790
YIQ	165.9470, -92.1880, -80.4120

# Conversions

## Conversions Part 2

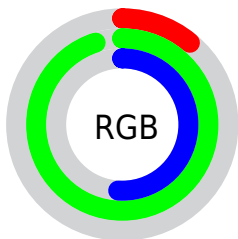
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 173, 243
Decimal	1897347
CIE Lab	84.99, -71.45, 40.76
CIE LCh	85, 82.261, 150.295
Yxy	65.9868, 0.2715, 0.4892
Android (android.graphics.Color)	4280087427 (0xFF1CF383)
YUV	165.9470, -17.2289, -120.9795
Hunter-Lab	81.2322, -61.6738, 33.3026

# Details

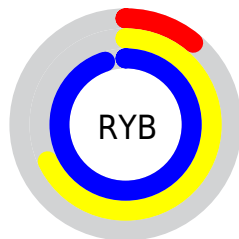
The Android color **4280087427** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **4294122636**, and the grayscale version is **4289111718**.

A 20% lighter version of the original color is **4285988793**, and **4278237519** is the 20% darker color. If you saturate the color by 10%, you get **4278514550**, and if you desaturate by 10%, it is **4281660304**.

# Distribution



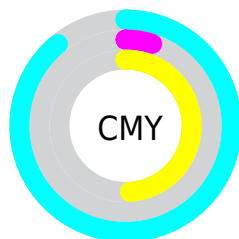
- Red (11%)
- Green (95%)
- Blue (51%)



- Red (11%)
- Yellow (68%)
- Blue (95%)



- Cyan (88%)
- Magenta (0%)
- Yellow (46%)
- Black (5%)



- Cyan (89%)
- Magenta (5%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280087427 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 4280087427 by changing the saturation by 10% instead.



 4280087427

 4280087427

4294967295

 4278244969

 4285988793

 4278237519

 4288151510

 4278230326

 4290314226

 4278223388

 4292411391

 4278216448

 4294443007

 4278209792

 4278203648

 4278196736

 4278190080

■ 4280087427

■ 4280087427

■ 4278514550

■ 4281660304

■ 4278252404

■ 4283298716

■ 4284871593

■ 4286444470

■ 4288017346

■ 4289655759

■ 4291228636

■ 4292801512

■ 4294439925

# Harmonies

## Analogous

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



4289586750



4280087427



4278254035

# Triad

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



4280087427



4278246911



4294939786

# Complementary

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



4280087427



4294122636

# 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.



4294936791



4280087427



4292132863

# Square

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



4280087427



4278251775



4294942207



4294947657

# Rectangle

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



4280087427



4278254079



4294942207



4294937763

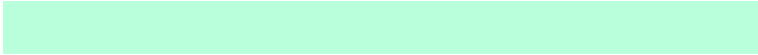


# Sweetspot

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



4280087427



4290445275



4287623964



4283924586



4278190080



4286611584



# Same Dimension

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



4280087427



4278255482



4280087532



4285430388



4278237785



4278205212



# Inverse Universe

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



4294122636



4294901893



4294122531



4286213749



4290379873

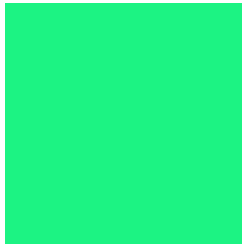


4282056735



# Previews

## White Background



This preview shows how the Android color 4280087427 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 4280087427 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 4280087427 Background



This preview shows how black text looks on a background with the Android color 4280087427.

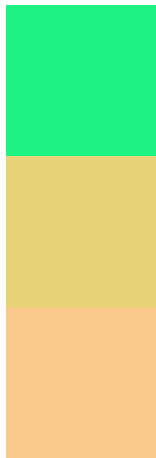


This preview shows how white text looks on a background with the Android color 4280087427.

# 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**  
4280087427

**Protanopia**  
4293382775

**Deuteranopia**  
4294756749



# Trichromacy



**Original Color**

4280087427



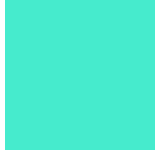
**Protanomaly**

4288536187



**Deuteranomaly**

4289452169



**Tritanomaly**

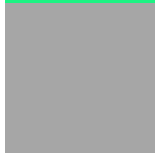
4282837965

# Monochromacy



**Original Color**

4280087427



**Achromatopsia**

4289111718



**Achromatomaly**

4285842073

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280087427 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(28, 243, 131)` looks like.

```
.text, #text, p{  
    color:rgb(28, 243, 131)  
}
```

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(28, 243, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 243, 131) }
```

## Border

The CSS property to change the border of an element to Android 4280087427 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(28, 243, 131) }
```

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

```
.border{ border-color:rgb(28, 243, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 243, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 243, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 243, 131);  
box-shadow:4px 4px 4px 4px rgb(28, 243,  
131) }
```

# Background

The CSS property to change the background color of an element to Android 4280087427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 243, 131) }
```

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

```
.background{ background-color: rgb(28, 243,  
131) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor