

Converting Colors

Android(4283036787)

Have a look what the booklet for
Android(4283036787) contains.

Android(4283036787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283036787)

Conversions

Conversions Part 1

Format	Color
Hex	49F473
RGB	73, 244, 115
RGB Percent	29%, 96%, 45%
CMY	0.7137, 0.0431, 0.5490
CMYK	0.70, 0.00, 0.53, 0.04
HSL	135°, 89%, 62%
HSV	135°, 70%, 96%
XYZ	38.1928, 67.3556, 27.2076
YIQ	178.1650, -60.5070, -76.3710

Conversions

Conversions Part 2

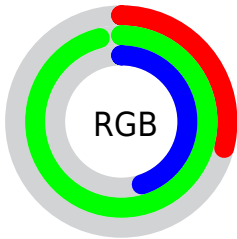
Format	Color
RYB	73, 210, 244
Decimal	4846707
CIELab	85.68, -69.33, 49.34
CIELCh	86, 85.093, 144.558
Yxy	67.3556, 0.2877, 0.5074
Android (android.graphics.Color)	4283036787 (0xFF49F473)
YUV	178.1650, -31.1403, -92.2297
Hunter-Lab	82.0705, -60.5554, 37.7938

Details

The Android color `4283036787` is a dark color, and the websafe version is hex `66FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294199754`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4287561641`, and `4278237758` is the 20% darker color. If you saturate the color by 10%, you get `4281463905`, and if you desaturate by 10%, it is `4284609669`.

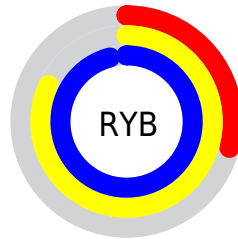
Distribution



Red (29%)

Green (96%)

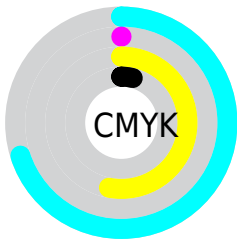
Blue (45%)



Red (29%)

Yellow (82%)

Blue (96%)

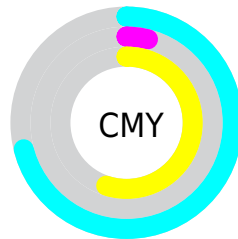


Cyan (70%)

Magenta (0%)

Yellow (53%)

Black (4%)



Cyan (71%)

Magenta (4%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283036787 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 4283036787 by changing the saturation by 10% instead.

 4283036787

 4283036787

4294967295


 4279490393

 4287561641

 4278237758

 4289593285

 4278230563

 4291624930

 4278223616

 4293722111

 4278216704

 4278210048

 4278204160

 4278197248

 4278190080

 4283036787

 4283036787

 4281463905

 4284609669

 4279825486

 4286248088

 4278252604

 4287820970

 4289459389

 4291032271

 4292605153

 4294243572

 4294964479

Harmonies

Analogous

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



4290700588



4283036787



4278254532

Triad

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



4283036787



4278248703



4294938264

Complementary

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



4283036787



4294199754

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.



4294936808



4283036787



4290365439

Square

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



4283036787



4278253055



4294943743



4294946129

Rectangle

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



4283036787



4278254844



4294943743



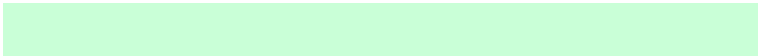
4294936754

Sweetspot

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



4283036787



4291428311



4291621961



4284514407



4278190080



4286611584

Same Dimension

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



4283036787



4280942429



4283036870



4285430385



4278237742



4278205198

Inverse Universe

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



4294199754



4294912458



4294199671



4286213751



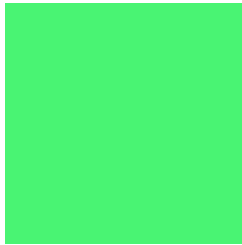
4290379916



4282056748

Previews

White Background



This preview shows how the Android color 4283036787 looks on a white background.

Color Contrast Check

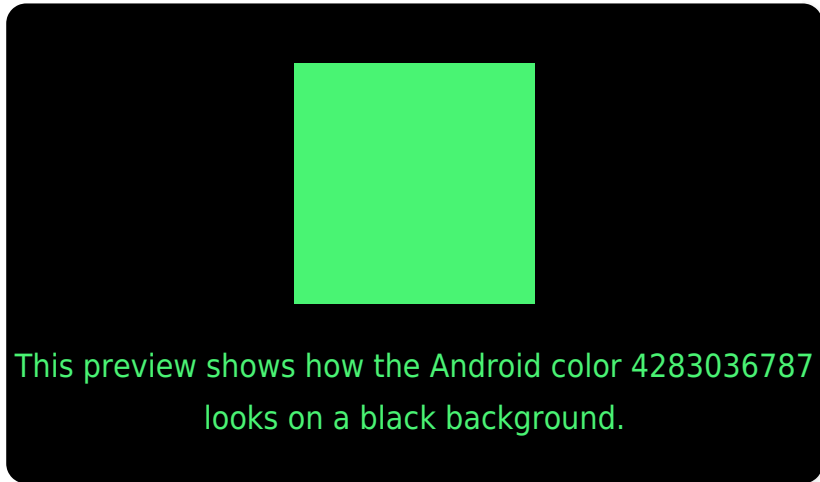
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

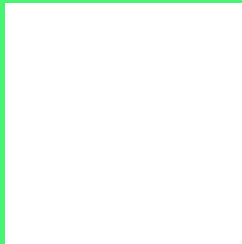
Any Text WCAG AAA ✓ Pass

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

Android 4283036787 Background



This preview shows how black text looks on a background with the Android color 4283036787.

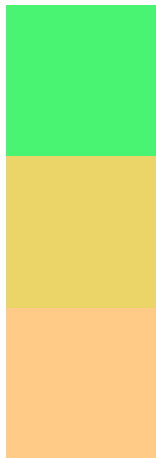


This preview shows how white text looks on a background with the Android color 4283036787.

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
[4283036787](#)

Protanopia
[4293645416](#)

Deuteranopia
[4294953862](#)

Trichromacy



Original Color

4283036787



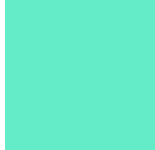
Protanomaly

4289781868



Deuteranomaly

4290632319



Tritanomaly

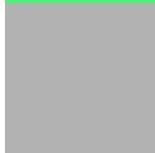
4284804040

Monochromacy



Original Color

4283036787



Achromatopsia

4289901234



Achromatomaly

4287416987

CSS Examples

Text

The CSS property to change the color of the text to Android 4283036787 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(73, 244, 115)` looks like.

```
.text, #text, p{  
    color:rgb(73, 244, 115)  
}
```

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(73, 244, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 244, 115) }
```

Border

The CSS property to change the border of an element to Android 4283036787 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(73, 244, 115) }
```

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

```
.border{ border-color:rgb(73, 244, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 244, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 244, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 244, 115);  
box-shadow:4px 4px 4px 4px rgb(73, 244,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4283036787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 244, 115) }
```

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

```
.background{ background-color: rgb(73, 244,  
115) }
```

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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