

Converting Colors

Android(4284940167)

Have a look what the booklet for
Android(4284940167) contains.

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Color

Android(4284940167)

Conversions

Conversions Part 1

Format	Color
Hex	66FF87
RGB	102, 255, 135
RGB Percent	40%, 100%, 53%
CMY	0.6000, 0.0000, 0.4706
CMYK	0.60, 0.00, 0.47, 0.00
HSL	133°, 100%, 70%
HSV	133°, 60%, 100%
XYZ	45.6127, 76.0941, 35.2053
YIQ	195.5730, -52.6680, -69.7560

Conversions

Conversions Part 2

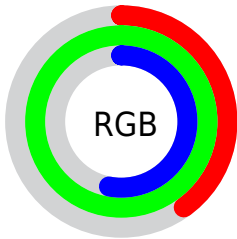
Format	Color
RYB	102, 228, 255
Decimal	6750087
CIELab	89.90, -65.02, 45.32
CIElCh	90, 79.256, 145.123
Yxy	76.0941, 0.2907, 0.4849
Android (android.graphics.Color)	4284940167 (0xFF66FF87)
YUV	195.5730, -29.8625, -82.0635
Hunter-Lab	87.2319, -59.3200, 37.1339

Details

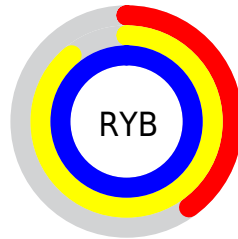
The Android color **4284940167** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **4294928094**, and the grayscale version is **4291085508**.

A 20% lighter version of the original color is **4289068990**, and **4278830418** is the 20% darker color. If you saturate the color by 10%, you get **4283301747**, and if you desaturate by 10%, it is **4286644123**.

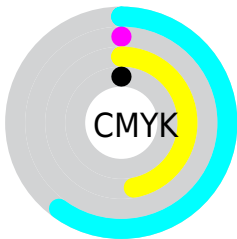
Distribution



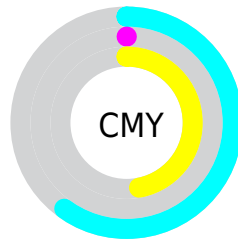
- Red (40%)
- Green (100%)
- Blue (53%)



- Red (40%)
- Yellow (89%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284940167 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 4284940167 by changing the saturation by 10% instead.

 4284940167


 4284940167

4294967295

 4282638956

 4289068990

 4278830418

 4291100634

 4278233401

 4293066743

 4278226206

 4278219520

 4278212864

 4278206464

 4278200320


 4278190080

 4284940167

 4284940167

 4283301747

 4286644123

 4281597791

 4288282543

 4279893835

 4289986499

 4278255415

 4291624919

 4293328875

4294967295

Harmonies

Analogous

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



4291621196



4284940167



4278255571

Triad

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



4284940167



4278251263



4294943398

Complementary

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



4284940167



4294928094

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.



4294941938



4284940167



4291744767

Square

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



4284940167



4278255615



4294947839



4294949990

Rectangle

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



4284940167



4278255615



4294947839



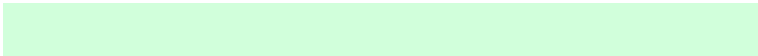
4294942143

Sweetspot

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



4284940167



4291952603



4292935526



4284711018



4278190080



4286611584

Same Dimension

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



4284940167



4282908527



4284940241



4285759606



4278239017



4278206478

Inverse Universe

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



4294928094



4294920151



4294928020



4286608253



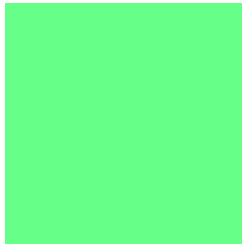
4290707606



4282384434

Previews

White Background



This preview shows how the Android color 4284940167 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 4284940167 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 4284940167 Background



This preview shows how black text looks on a background with the Android color 4284940167.

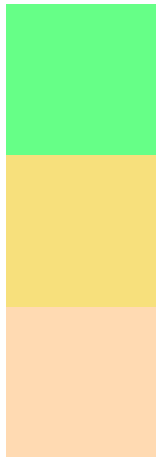


This preview shows how white text looks on a background with the Android color 4284940167.

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
4284940167

Protanopia
4294434940

Deuteranopia
4294957746



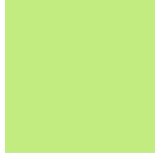
Tritanopia
4288343807

Trichromacy



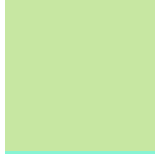
Original Color

4284940167



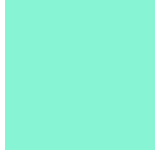
Protanomaly

4290964352



Deuteranomaly

4291291042



Tritanomaly

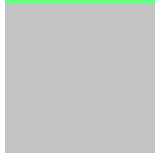
4287100115

Monochromacy



Original Color

4284940167



Achromatopsia

4291085508



Achromatomaly

4288862638

CSS Examples

Text

The CSS property to change the color of the text to Android 4284940167 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(102, 255, 135)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 135)  
}
```

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(102, 255, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 135) }
```

Border

The CSS property to change the border of an element to Android 4284940167 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(102, 255, 135) }
```

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

```
.border{ border-color:rgb(102, 255, 135) }
```

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

Here you see how a box with a 4 pixel rgb(102, 255, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 135);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4284940167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 135) }
```

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

```
.background{ background-color: rgb(102,  
255, 135) }
```

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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