

Converting Colors

Android(4283694387)

Have a look what the booklet for
Android(4283694387) contains.

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Color

Android(4283694387)

Conversions

Conversions Part 1

Format	Color
Hex	53FD33
RGB	83, 253, 51
RGB Percent	33%, 99%, 20%
CMY	0.6745, 0.0078, 0.8000
CMYK	0.67, 0.00, 0.80, 0.01
HSL	110°, 98%, 60%
HSV	110°, 80%, 99%
XYZ	39.2901, 72.3286, 15.0220
YIQ	179.1420, -36.4780, -98.8620

Conversions

Conversions Part 2

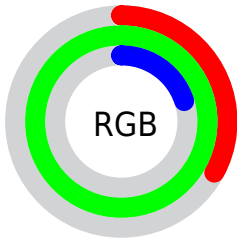
Format	Color
RYB	51, 253, 221
Decimal	5504307
CIELab	88.13, -76.36, 76.18
CIELCh	88, 107.863, 135.065
Yxy	72.3286, 0.3102, 0.5711
Android (android.graphics.Color)	4283694387 (0xFF53FD33)
YUV	179.1420, -63.1740, -84.3165
Hunter-Lab	85.0462, -66.3665, 49.0598

Details

The Android color `4283694387` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4292686845`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4288282482`, and `4278240000` is the 20% darker color. If you saturate the color by 10%, you get `4282318106`, and if you desaturate by 10%, it is `4285070668`.

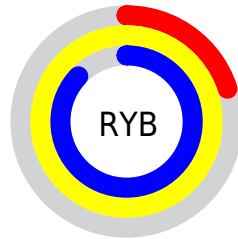
Distribution



Red (33%)

Green (99%)

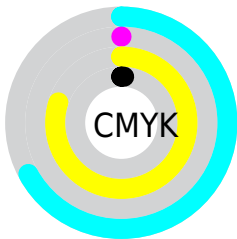
Blue (20%)



Red (20%)

Yellow (99%)

Blue (87%)

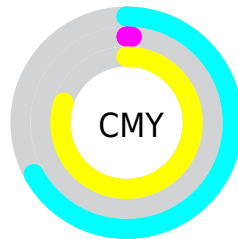


Cyan (67%)

Magenta (0%)

Yellow (80%)

Black (1%)



Cyan (67%)

Magenta (1%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283694387 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 4283694387 by changing the saturation by 10% instead.



4283694387



4283694387

4294967295



4280475648



4288282482



4278240000



4290379663



4278232832



4292476844



4278225664



4294508490



4278218752



4294967271



4278212096



4278205696



4278199040



4278190080

■ 4283694387

■ 4283694387

■ 4282318106

■ 4285070668

■ 4280876288

■ 4286512486

■ 4287888767

■ 4289265048

■ 4290641330

■ 4292083147

■ 4293459428

■ 4294835709

■ 4294966783

Harmonies

Analogous

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



4292470784



4283694387



4278255524

Triad

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



4283694387



4278253823



4294927790

Complementary

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



4283694387



4292686845

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.



4294930687



4283694387



4280015103

Square

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



4283694387



4278255615



4294944767



4294939724

Rectangle

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



4283694387



4278255596



4294944767



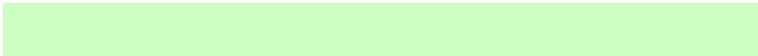
4294926544

Sweetspot

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



4283694387



4291559362



4294826803



4284514395



4278190080



4286611584

Same Dimension

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



4283694387



4281466634



4281597302



4285890675



4280205056



4278861824

Inverse Universe

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



4292686845



4292348671



4294783930



4286411648



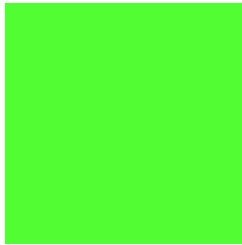
4288741567



4281729088

Previews

White Background



This preview shows how the Android color 4283694387 looks on a white background.

Color Contrast Check

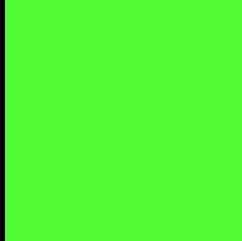
Large Text (above 18pt) WCAG AA × Fail

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 4283694387 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 4283694387 Background



This preview shows how black text looks on a background with the Android color 4283694387.

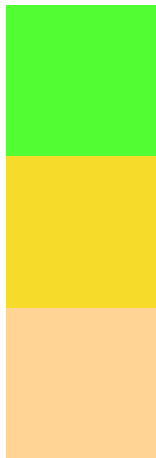


This preview shows how white text looks on a background with the Android color 4283694387.

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
4283694387

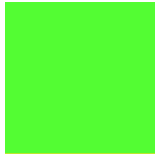
Protanopia
4294368042

Deuteranopia
4294956181



Tritanopia
4286770431

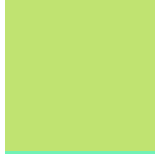
Trichromacy



Original Color
4283694387



Protanomaly
4290504493

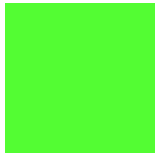


Deuteranomaly
4290831217

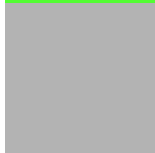


Tritanomaly
4285657781

Monochromacy



Original Color
4283694387



Achromatopsia
4289967027



Achromatomaly
4287680132

CSS Examples

Text

The CSS property to change the color of the text to Android 4283694387 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(83, 253, 51)` looks like.

```
.text, #text, p{  
    color:rgb(83, 253, 51)  
}
```

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(83, 253, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 253, 51) }
```

Border

The CSS property to change the border of an element to Android 4283694387 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(83, 253, 51) }
```

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

```
.border{ border-color:rgb(83, 253, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 253, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 253, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 253, 51);  
box-shadow:4px 4px 4px 4px rgb(83, 253,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4283694387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 253, 51) }
```

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

```
.background{ background-color: rgb(83, 253,  
51) }
```

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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