

Converting Colors

Android(4283790847)

Have a look what the booklet for
Android(4283790847) contains.

Android(4283790847)	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(4283790847)

Conversions

Conversions Part 1

Format	Color
Hex	5575FF
RGB	85, 117, 255
RGB Percent	33%, 46%, 100%
CMY	0.6667, 0.5412, 0.0000
CMYK	0.67, 0.54, 0.00, 0.00
HSL	229°, 100%, 67%
HSV	229°, 67%, 100%
XYZ	28.1576, 21.8739, 97.3458
YIQ	123.1640, -63.3700, 36.1340

Conversions

Conversions Part 2

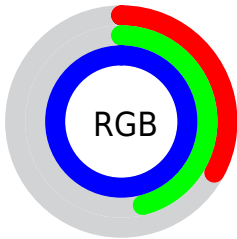
Format	Color
R _Y B	85, 112, 255
Decimal	5600767
CIE Lab	53.89, 32.05, -72.17
CIE LCh	54, 78.964, 293.949
Yxy	21.8739, 0.1911, 0.1484
Android (android.graphics.Color)	4283790847 (0xFF5575FF)
YUV	123.1640, 64.9951, -33.4698
Hunter-Lab	46.7695, 25.6193, -90.6672

Details

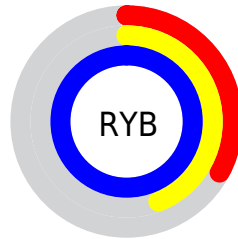
The Android color `4283790847` is a light color, and the websafe version is hex `3366FF`. The color can be described as light muted azure. A complement of this color would be `4294958933`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4288129535`, and `4278208197` is the 20% darker color. If you saturate the color by 10%, you get `4282081535`, and if you desaturate by 10%, it is `4285434623`.

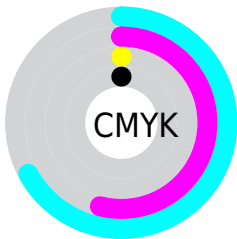
Distribution



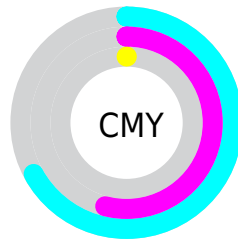
- Red (33%)
- Green (46%)
- Blue (100%)



- Red (33%)
- Yellow (44%)
- Blue (100%)



- Cyan (67%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283790847 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 4283790847 by changing the saturation by 10% instead.

 4283790847

 4283790847

4294967295

 4281032162

 4288129535

 4278208197

 4290168063

 4278202537

 4292206847

 4278197646

 4294245631

 4278192500

 4278192474

 4278191937

 4278190890

 4278190357

■ 4283790847

■ 4283790847

■ 4282081535

■ 4285434623

■ 4280438015

■ 4287143679

■ 4278728703

■ 4288852991

■ 4278202623

■ 4290496767

■ 4292140287

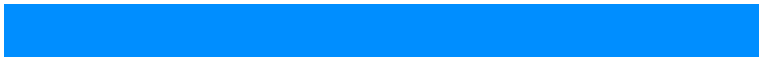
■ 4293849599

4294967295

Harmonies

Analogous

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



4278226687



4283790847



4290990034

Triad

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



4283790847



4292368896



4278230384

Complementary

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



4283790847



4294958933

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.



4278229030



4283790847



4289231104

Square

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



4283790847



4294127950



4284976384



4278230711

Rectangle

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



4283790847



4293276328



4284976384



4278230104

Sweetspot

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



4283790847



4291614463



4283826141



4284573568



4278190080



4286611584

Same Dimension

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



4283790847



4281555455



4287124991



4285756800



4278199487



4278193216

Inverse Universe

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



4294923637



4294914905



4291624789



4286608245



4290707492



4282384396

Previews

White Background



This preview shows how the Android color 4283790847 looks on a white background.

Color Contrast Check

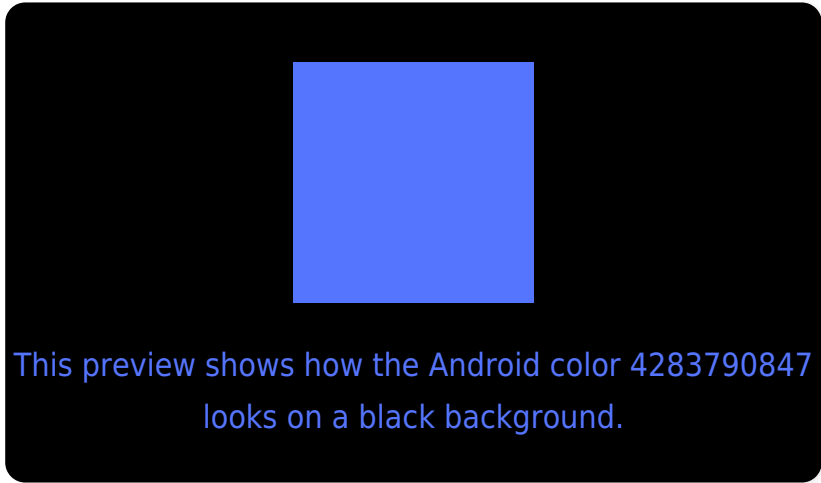
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Android 4283790847 Background



This preview shows how black text looks on a background with the Android color 4283790847.



This preview shows how white text looks on a background with the Android color 4283790847.

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



Trichromacy



Original Color
4283790847

Protanomaly
4281891327

Deuteranomaly
4280254189

Tritanomaly
4280255934

Monochromacy



Original Color
4283790847

Achromatopsia
4286282619

Achromatomaly
4285364651

CSS Examples

Text

The CSS property to change the color of the text to Android 4283790847 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(85, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(85, 117, 255)  
}
```

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(85, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 117, 255) }
```

Border

The CSS property to change the border of an element to Android 4283790847 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(85, 117, 255) }
```

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

```
.border{ border-color:rgb(85, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(85, 117,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4283790847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 117, 255) }
```

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

```
.background{ background-color: rgb(85, 117,  
255) }
```

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