

Converting Colors

Android(4281901813)

Have a look what the booklet for
Android(4281901813) contains.

Android(4281901813)	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(4281901813)

Conversions

Conversions Part 1

Format	Color
Hex	38A2F5
RGB	56, 162, 245
RGB Percent	22%, 64%, 96%
CMY	0.7804, 0.3647, 0.0392
CMYK	0.77, 0.34, 0.00, 0.04
HSL	206°, 90%, 59%
HSV	206°, 77%, 96%
XYZ	31.0326, 33.2740, 91.1731
YIQ	139.7680, -89.8190, 3.3410

Conversions

Conversions Part 2

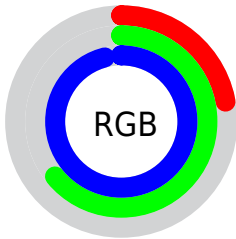
Format	Color
RYB	56, 124, 245
Decimal	3711733
CIELab	64.38, -2.18, -49.92
CIELCh	64, 49.967, 267.499
Yxy	33.2740, 0.1996, 0.2140
Android (android.graphics.Color)	4281901813 (0xFF38A2F5)
YUV	139.7680, 51.8794, -73.4645
Hunter-Lab	57.6836, -4.9168, -53.3336

Details

The Android color `4281901813` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294282040`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4286634495`, and `4278218684` is the 20% darker color. If you saturate the color by 10%, you get `4280260597`, and if you desaturate by 10%, it is `4283477493`.

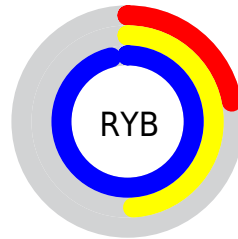
Distribution



Red (22%)

Green (64%)

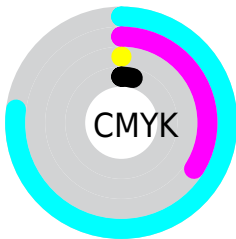
Blue (96%)



Red (22%)

Yellow (49%)

Blue (96%)

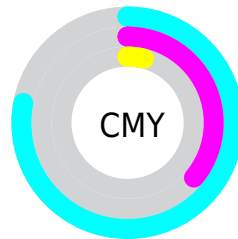


Cyan (77%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (78%)
















Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281901813 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 4281901813 by changing the saturation by 10% instead.

 4281901813	 4281901813
4294967295	 4278225112
 4286634495	 4278218684
 4288738815	 4278212513
 4290772991	 4278206598
 4292804607	 4278201196
4294901759	 4278196052
	 4278191676
	 4278190629
	 4278190350

■ 4281901813

■ 4281901813

■ 4280260597

■ 4283477493

■ 4278684917

■ 4285118709

■ 4278225397

■ 4286759669

■ 4288335349

■ 4289911029

■ 4291552245

■ 4293127669

■ 4294768885

■ 4294967285

Harmonies

Analogous

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



4278234599



4281901813



4288254699

Triad

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



4281901813



4293818997



4283739754

Complementary

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



4281901813



4294282040

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.



4287473225



4281901813



4292577361

Square

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



4281901813



4293621410



4290353215



4278235799

Rectangle

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



4281901813



4290807513



4290353215



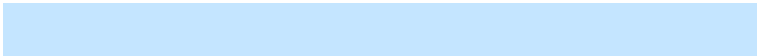
4285115485

Sweetspot

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



4281901813



4291094015



4281922954



4284248192



4278190080



4286611584

Same Dimension

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



4281901813



4279408639



4281878005



4285429114



4278216890



4278198587

Inverse Universe

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



4294260898



4294906519



4294305848



4286213749



4290379880



4282056737

Previews

White Background



This preview shows how the Android color 4281901813 looks on a white background.

Color Contrast Check

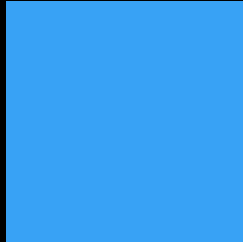
Large Text (above 18pt) WCAG AA × Fail

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 4281901813 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

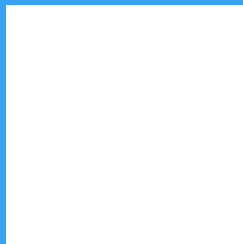
Any Text WCAG AAA ✓ Pass

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

Android 4281901813 Background



This preview shows how black text looks on a background with the Android color 4281901813.



This preview shows how white text looks on a background with the Android color 4281901813.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4281901813 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(56, 162, 245)` looks like.

```
.text, #text, p{  
    color:rgb(56, 162, 245)  
}
```

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(56, 162, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 162, 245) }
```

Border

The CSS property to change the border of an element to Android 4281901813 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(56, 162, 245) }
```

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

```
.border{ border-color:rgb(56, 162, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 162, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 162, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 162, 245);  
box-shadow:4px 4px 4px 4px rgb(56, 162,  
245) }
```

Background

The CSS property to change the background color of an element to Android 4281901813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 162, 245) }
```

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

```
.background{ background-color: rgb(56, 162,  
245) }
```

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