

Converting Colors

Android(4281891066)

Have a look what the booklet for
Android(4281891066) contains.

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Color

Android(4281891066)

Conversions

Conversions Part 1

Format	Color
Hex	3878FA
RGB	56, 120, 250
RGB Percent	22%, 47%, 98%
CMY	0.7804, 0.5294, 0.0196
CMYK	0.78, 0.52, 0.00, 0.02
HSL	220°, 95%, 60%
HSV	220°, 78%, 98%
XYZ	25.6027, 21.1758, 93.1804
YIQ	115.6840, -79.8740, 26.8620

Conversions

Conversions Part 2

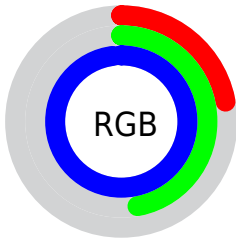
Format	Color
R _Y B	56, 104, 250
Decimal	3700986
CIE Lab	53.14, 24.89, -70.67
CIE LCh	53, 74.928, 289.401
Yxy	21.1758, 0.1829, 0.1513
Android (android.graphics.Color)	4281891066 (0xFF3878FA)
YUV	115.6840, 66.2178, -52.3429
Hunter-Lab	46.0172, 18.7823, -87.8445

Details

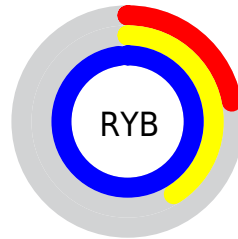
The Android color `4281891066` is a dark color, and the websafe version is hex `0066FF`. The color can be described as middle washed azure. A complement of this color would be `4294621752`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4286754047`, and `4278208960` is the 20% darker color. If you saturate the color by 10%, you get `4280248314`, and if you desaturate by 10%, it is `4283533818`.

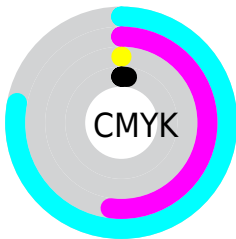
Distribution



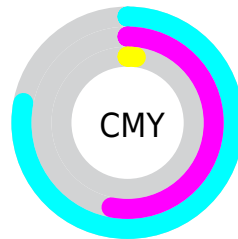
- Red (22%)
- Green (47%)
- Blue (98%)



- Red (22%)
- Yellow (41%)
- Blue (98%)



- Cyan (78%)
- Magenta (52%)
- Yellow (0%)
- Black (2%)




- Cyan (78%)
- Magenta (53%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281891066 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 4281891066 by changing the saturation by 10% instead.

 4281891066

 4281891066

4294967295

 4278214877

 4286754047

 4278208960

 4288858111

 4278203301

 4290962431

 4278198410

 4293001215

 4278193263

 4278193238

 4278191678

 4278190887

 4278190352

■ 4281891066

■ 4281891066

■ 4280248314

■ 4283533818

■ 4278605562

■ 4285176570

■ 4278211322

■ 4286819066

■ 4288461818

■ 4290104570

■ 4291747322

■ 4293389818

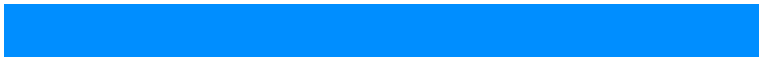
■ 4294967034

■ 4294967290

Harmonies

Analogous

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



4278226687



4281891066



4290009044

Triad

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



4281891066



4292367640



4278229349

Complementary

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



4281891066



4294621752

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.



4278227998



4281891066



4289491968

Square

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



4281891066



4293800793



4285696000



4278229928

Rectangle

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



4281891066



4292427182



4285696000



4278229070

Sweetspot

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



4281891066



4291090687



4281924281



4284246144



4278190080



4286611584

Same Dimension

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



4281891066



4279394559



4283971834



4285560189



4278206141



4278195261

Inverse Universe

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



4294588536



4294906464



4292540984



4286410869



4290576446



4282187796

Previews

White Background



This preview shows how the Android color 4281891066 looks on a white background.

Color Contrast Check

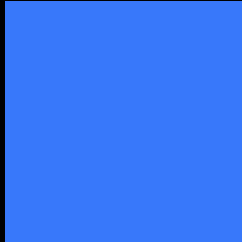
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4281891066 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

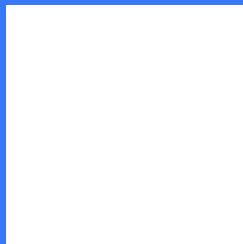
Any Text WCAG AAA × Fail

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

Android 4281891066 Background



This preview shows how black text looks on a background with the Android color 4281891066.



This preview shows how white text looks on a background with the Android color 4281891066.

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
4281891066

Protanomaly
4281170427

Deuteranomaly
4279533289

Tritanomaly
4279535034

Monochromacy



Original Color
4281891066

Achromatopsia
4285822068

Achromatomaly
4284380581

CSS Examples

Text

The CSS property to change the color of the text to Android 4281891066 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, 120, 250)` looks like.

```
.text, #text, p{  
    color:rgb(56, 120, 250)  
}
```

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, 120, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 120, 250) }
```

Border

The CSS property to change the border of an element to Android 4281891066 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, 120, 250) }
```

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

```
.border{ border-color:rgb(56, 120, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 120, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 120, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 120, 250);  
box-shadow:4px 4px 4px 4px rgb(56, 120,  
250) }
```

Background

The CSS property to change the background color of an element to Android 4281891066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 120, 250) }
```

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

```
.background{ background-color: rgb(56, 120,  
250) }
```

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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