

Converting Colors

Android(4278217460)

Have a look what the booklet for
Android(4278217460) contains.

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Color

Android(4278217460)

Conversions

Conversions Part 1

Format	Color
Hex	006AF4
RGB	0, 106, 244
RGB Percent	0%, 42%, 96%
CMY	1.0000, 0.5843, 0.0431
CMYK	1.00, 0.57, 0.00, 0.04
HSL	214°, 100%, 48%
HSV	214°, 100%, 96%
XYZ	21.4832, 16.8397, 87.7061
YIQ	90.0380, -107.4740, 20.4460

Conversions

Conversions Part 2

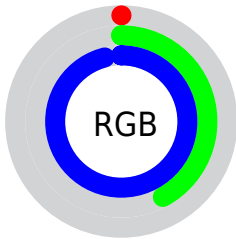
Format	Color
RYB	0, 74, 244
Decimal	27380
CIELab	48.06, 28.46, -75.64
CIElCh	48, 80.822, 290.619
Yxy	16.8397, 0.1705, 0.1336
Android (android.graphics.Color)	4278217460 (0xFF006AF4)
YUV	90.0380, 75.9033, -78.9633
Hunter-Lab	41.0362, 21.6344, -97.9942

Details

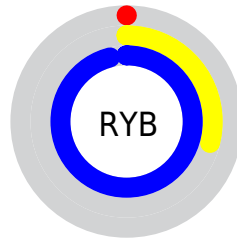
The Android color `4278217460` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294216192`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4285439231`, and `4278205627` is the 20% darker color. If you saturate the color by 10%, you get `4278217460`, and if you desaturate by 10%, it is `4279793908`.

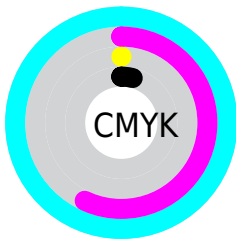
Distribution



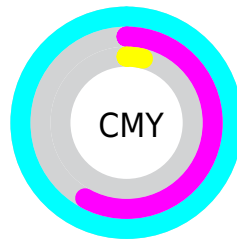
- Red (0%)
- Green (42%)
- Blue (96%)



- Red (0%)
- Yellow (29%)
- Blue (96%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (58%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217460 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 4278217460 by changing the saturation by 10% instead.

 4278217460

 4278217460

4294967295

 4278211287

 4285439231

 4278205627

 4287674367

 4278200479

 4289844223

 4278196100

 4291948543

 4278190954

 4293984255

 4278192720

 4278191417

 4278190626

 4278190088

 4278217460

 4279793908

 4281435892

 4283012084

 4284654068

 4286230516

 4287806964

 4289448948

 4291025140

 4292667124

Harmonies

Analogous

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



4278223355



4278217460



4289479370

Triad

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



4278217460



4291511296



4278226266

Complementary

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



4278217460



4294216192

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.



4278224896



4278217460



4288505856

Square

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



4278217460



4293132359



4284382464



4278226593

Rectangle

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



4278217460



4291958433



4284382464



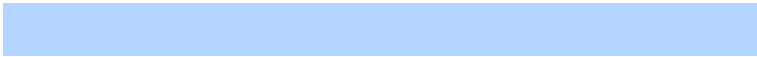
4278225985

Sweetspot

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



4278217460



4289975551



4278252678



4283590272



4278190080



4286611584

Same Dimension

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



4278217460



4278218751



4278976756



4285428602



4278211002



4278196539

Inverse Universe

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



4294180970



4294901871



4293456896



4286213747



4290379857



4282056729

Previews

White Background



This preview shows how the Android color 4278217460 looks on a white background.

Color Contrast Check

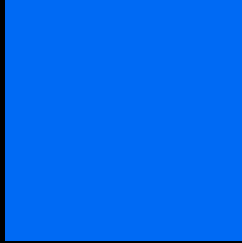
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278217460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

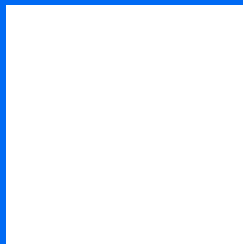
Any Text WCAG AAA × Fail

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

Android 4278217460 Background



This preview shows how black text looks on a background with the Android color 4278217460.



This preview shows how white text looks on a background with the Android color 4278217460.

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

4278217460

Protanopia

4278218216

Deuteranopia

4278219975

Trichromacy



Original Color

4278217460

Protanomaly

4278217964

Deuteranomaly

4278218967

Tritanomaly

4278220718

Monochromacy



Original Color

4278217460

Achromatopsia

4284111450

Achromatomaly

4281950354

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217460 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(0, 106, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 244)  
}
```

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(0, 106, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 244) }
```

Border

The CSS property to change the border of an element to Android 4278217460 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(0, 106, 244) }
```

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

```
.border{ border-color:rgb(0, 106, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
244) }
```

Background

The CSS property to change the background color of an element to Android 4278217460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 244) }
```

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

```
.background{ background-color: rgb(0, 106,  
244) }
```

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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