

Converting Colors

Android(4278216438)

Have a look what the booklet for
Android(4278216438) contains.

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Color

Android(4278216438)

Conversions

Conversions Part 1

Format	Color
Hex	0066F6
RGB	0, 102, 246
RGB Percent	0%, 40%, 96%
CMY	1.0000, 0.6000, 0.0353
CMYK	1.00, 0.59, 0.00, 0.04
HSL	215°, 100%, 48%
HSV	215°, 100%, 96%
XYZ	21.3859, 16.1566, 89.1801
YIQ	87.9180, -107.0160, 23.1600

Conversions

Conversions Part 2

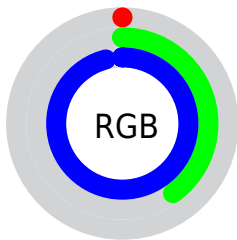
Format	Color
R _Y B	0, 72, 246
Decimal	26358
CIE _{Lab}	47.18, 31.79, -78.20
CIE _{LCh}	47, 84.410, 292.122
Y _{xy}	16.1566, 0.1688, 0.1275
Android (android.graphics.Color)	4278216438 (0xFF0066F6)
Y _{UV}	87.9180, 77.9344, -77.1041
Hunter-Lab	40.1952, 24.6295, -103.4086

Details

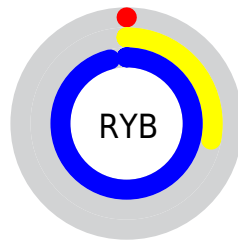
The Android color `4278216438` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated azure. A complement of this color would be `4294348800`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4285503743`, and `4278204860` is the 20% darker color. If you saturate the color by 10%, you get `4278216438`, and if you desaturate by 10%, it is `4279858422`.

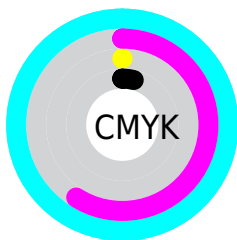
Distribution



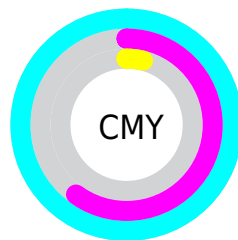
- Red (0%)
- Green (40%)
- Blue (96%)



- Red (0%)
- Yellow (28%)
- Blue (96%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (60%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216438 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 4278216438 by changing the saturation by 10% instead.



4278216438



4278216438

4294967295



4278210521



4285503743



4278204860



4287738879



4278199713



4289908479



4278195590



4292012799



4278191211



4294115327



4278192978



4278191418



4278190627



4278190091

 4278216438

 4279858422

 4281435126


 4283077110

 4284653814

 4286295798

 4287937782

 4289514486

 4291156470

 4292733174

Harmonies

Analogous

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



4278222847



4278216438



4289673417

Triad

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



4278216438



4291379456



4278225754

Complementary

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



4278216438



4294348800

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.



4278224384



4278216438



4288177920

Square

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



4278216438



4293197888



4283857920



4278226340

Rectangle

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



4278216438



4292149405



4283857920



4278225473

Sweetspot

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



4278216438



4289975039



4278253200



4283590016



4278190080



4286611584

Same Dimension

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



4278216438



4278217471



4279566582



4285428602



4278209978



4278196283

Inverse Universe

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



4294312038



4294901866



4293064192



4286213747



4290379853



4282056728

Previews

White Background



This preview shows how the Android color 4278216438 looks on a white background.

Color Contrast Check

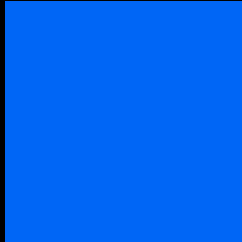
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278216438 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

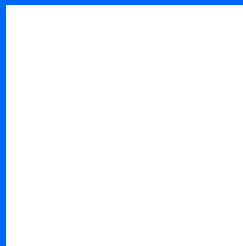
Any Text WCAG AAA × Fail

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

Android 4278216438 Background



This preview shows how black text looks on a background with the Android color 4278216438.



This preview shows how white text looks on a background with the Android color 4278216438.

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

4278216438

Protanopia

4278217699

Deuteranopia

4278219459

Trichromacy



Original Color
4278216438

Protanomaly
4278217194

Deuteranomaly
4278218454

Tritanomaly
4278219949

Monochromacy



Original Color
4278216438

Achromatopsia
4283979864

Achromatomaly
4281884049

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216438 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, 102, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 246)  
}
```

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, 102, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 246) }
```

Border

The CSS property to change the border of an element to Android 4278216438 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, 102, 246) }
```

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

```
.border{ border-color:rgb(0, 102, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 102,  
246) }
```

Background

The CSS property to change the background color of an element to Android 4278216438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 246) }
```

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

```
.background{ background-color: rgb(0, 102,  
246) }
```

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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