

Converting Colors

Android(4278205177)

Have a look what the booklet for
Android(4278205177) contains.

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Color

Android(4278205177)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 003AF9 |
| RGB | 0, 58, 249 |
| RGB Percent | 0%, 23%, 98% |
| CMY | 1.0000, 0.7725, 0.0235 |
| CMYK | 1.00, 0.77, 0.00, 0.02 |
| HSL | 226°, 100%, 49% |
| HSV | 226°, 100%, 98% |
| XYZ | 18.6119, 9.8657, 90.5458 |
| YIQ | 62.4320, -95.8790, 47.1050 |

Conversions

Conversions Part 2

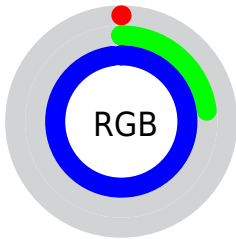
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 47, 249 |
| Decimal | 15097 |
| CIELab | 37.60, 59.31, -95.66 |
| CIELCh | 38, 112.558, 301.801 |
| Yxy | 9.8657, 0.1564, 0.0829 |
| Android (android.graphics.Color) | 4278205177 (0xFF003AF9) |
| YUV | 62.4320, 91.9780, -54.7529 |
| Hunter-Lab | 31.4097, 50.8041, -148.9308 |

Details

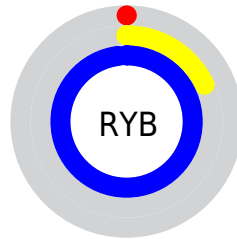
The Android color `4278205177` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark saturated blue. A complement of this color would be `4294557440`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4285819903`, and `4278193087` is the 20% darker color. If you saturate the color by 10%, you get `4278205177`, and if you desaturate by 10%, it is `4279848441`.

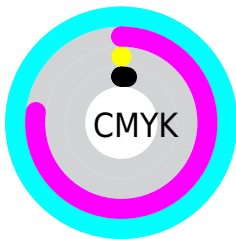
Distribution



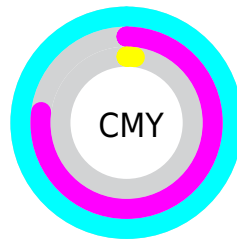
- Red (0%)
- Green (23%)
- Blue (98%)



- Red (0%)
- Yellow (18%)
- Blue (98%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (77%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278205177 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 4278205177 by changing the saturation by 10% instead.

 4278205177

 4278205177

4294967295

 4278199260

 4285819903

 4278193087

 4288120319

 4278190243

 4290289919

 4278190215

 4292459519

 4278194029

 4294563839

 4278192979

 4294964479

 4278191675

 4278190629

 4278190349

 4278205177

 4279848441

 4281491705


 4283134969

 4284778233

 4286421753

 4287999481

 4289642745

 4291286009

 4292929273

Harmonies

Analogous

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



4278216959



4278205177



4290773169

Triad

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



4278205177



4289470976



4278220124

Complementary

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



4278205177



4294557440

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.



4278219264



4278205177



4285028352

Square

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



4278205177



4292542464



4278217472



4278220985

Rectangle

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



4278205177



4292935798



4278217472



4278219836

Sweetspot

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



4278205177



4289971455



4278254015



4283587712



4278190080



4286611584

Same Dimension

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



4278205177



4278205439



4282515705



4285559677



4278201533



4278193725

Inverse Universe

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



4294508602



4294901819



4290246912



4286410867



4290576428



4282187790

Previews

White Background



This preview shows how the Android color 4278205177 looks on a white background.

Color Contrast Check

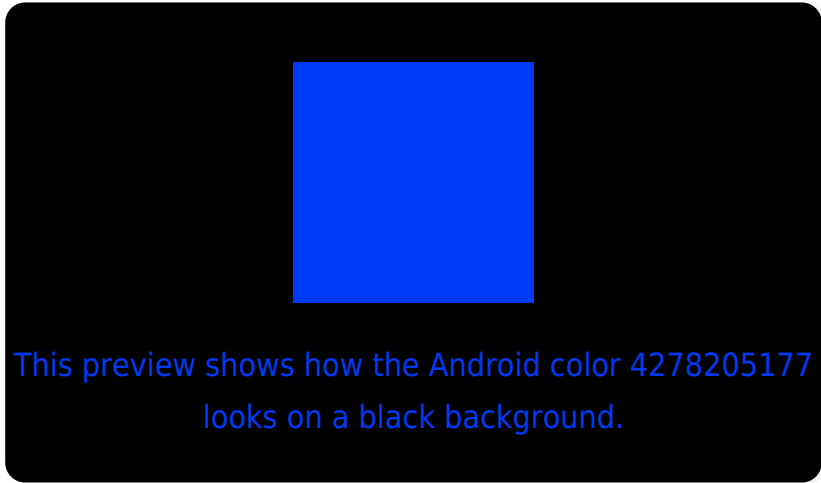
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4278205177 Background



This preview shows how black text looks on a background with the Android color 4278205177.



This preview shows how white text looks on a background with the Android color 4278205177.

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
4278205177

Tritanopia
4278215270

Trichromacy



Original Color

4278205177



Tritanomaly

4278211483

Monochromacy



Original Color

4278205177



Achromatopsia

4282269246



Achromatomaly

4280761730

CSS Examples

Text

The CSS property to change the color of the text to Android 4278205177 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, 58, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 249)  
}
```

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, 58, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 249) }
```

Border

The CSS property to change the border of an element to Android 4278205177 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, 58, 249) }
```

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

```
.border{ border-color:rgb(0, 58, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 58, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 58, 249)  
}
```

Background

The CSS property to change the background color of an element to Android 4278205177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 249) }
```

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

```
.background{ background-color: rgb(0, 58,  
249) }
```

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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