

Converting Colors

Android(4278191056)

Have a look what the booklet for
Android(4278191056) contains.

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Color

Android(4278191056)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0003D0 |
| RGB | 0, 3, 208 |
| RGB Percent | 0%, 1%, 82% |
| CMY | 1.0000, 0.9882, 0.1843 |
| CMYK | 1.00, 0.99, 0.00, 0.18 |
| HSL | 239°, 100%, 41% |
| HSV | 239°, 100%, 82% |
| XYZ | 11.4177, 4.6192, 59.9643 |
| YIQ | 25.4730, -67.5930, 63.1190 |

Conversions

Conversions Part 2

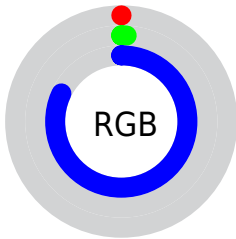
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 3, 208 |
| Decimal | 976 |
| CIELab | 25.62, 67.31, -92.18 |
| CIElCh | 26, 114.134, 306.137 |
| Yxy | 4.6192, 0.1502, 0.0608 |
| Android (android.graphics.Color) | 4278191056 (0xFF0003D0) |
| YUV | 25.4730, 89.9858, -22.3398 |
| Hunter-Lab | 21.4923, 57.2161, -150.3767 |

Details

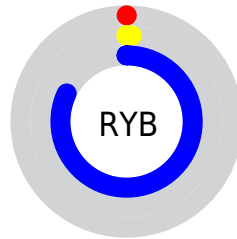
The Android color `4278191056` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4291874048`, and the grayscale version is `4279834905`.

A 20% lighter version of the original color is `4285284863`, and `4278190232` is the 20% darker color. If you saturate the color by 10%, you get `4278191056`, and if you desaturate by 10%, it is `4279572688`.

Distribution



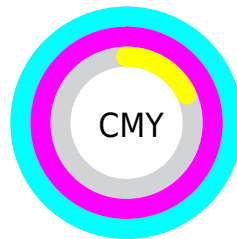
- Red (0%)
- Green (1%)
- Blue (82%)



- Red (0%)
- Yellow (1%)
- Blue (82%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (99%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191056 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 4278191056 by changing the saturation by 10% instead.

 4278191056

 4278191056

4294967295

 4278190259

 4285284863

 4278190232

 4287454463

 4278190205

 4289623807

 4278193250

 4291662335

 4278192458

 4293766655

 4278191154

 4294953471

 4278190620

 4294960895

 4278190080

 4278191056

■ 4279572688

■ 4280954064

■ 4282270160

■ 4283651536

■ 4285033168

■ 4286414544

■ 4287796176

■ 4289112016

■ 4290493648

Harmonies

Analogous

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



4278209524



4278191056



4289069189

Triad

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



4278191056



4286514944



4278211918

Complementary

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



4278191056



4291874048

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.



4278211072



4278191056



4282073344

Square

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



4278191056



4289593344



4278210048



4278212773

Rectangle

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



4278191056



4290641997



4278210048



4278211631

Sweetspot

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



4278191056



4289967359



4278243533



4283585152



4278190080



4286611584

Same Dimension

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



4278191056



4278191359



4284809424



4284374633



4278190760



4278190377

Inverse Universe

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



4291821571



4294901764



4285255680



4285095518



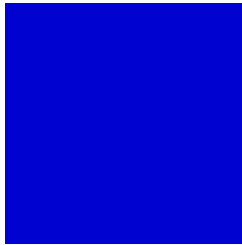
4289200130



4280877057

Previews

White Background



This preview shows how the Android color 4278191056 looks on a white background.

Color Contrast Check

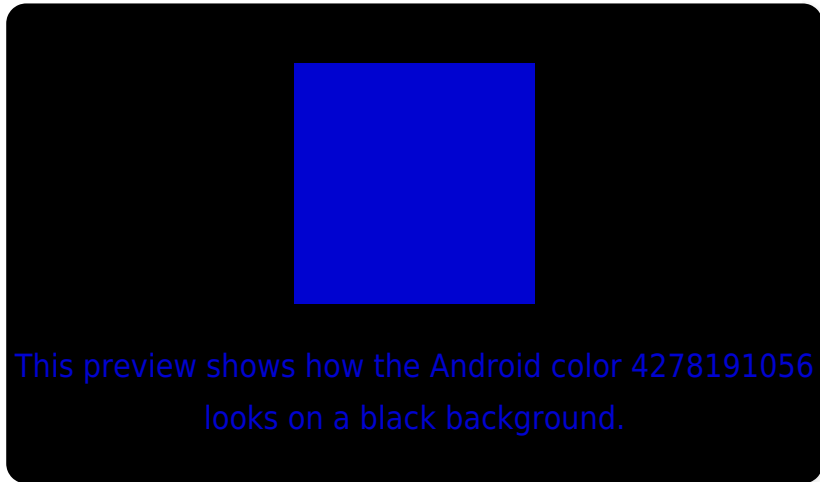
Large Text (above 18pt) WCAG AA ✓ Pass

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

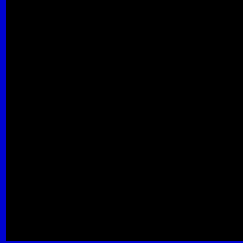
Any Text WCAG AA × Fail

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 4278191056 Background



This preview shows how black text looks on a background with the Android color 4278191056.



This preview shows how white text looks on a background with the Android color 4278191056.

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

4278191056

Protanopia

4278205823

Deuteranopia

4278206828

Trichromacy



Original Color

4278191056

Protanomaly

4278200476

Deuteranomaly

4278200976

Tritanomaly

4278201978

Monochromacy



Original Color

4278191056

Achromatopsia

4279834905

Achromatomaly

4279243100

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191056 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, 3, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 3, 208)  
}
```

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, 3, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 3, 208) }
```

Border

The CSS property to change the border of an element to Android 4278191056 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, 3, 208) }
```

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

```
.border{ border-color:rgb(0, 3, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 3, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 3, 208); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 3, 208); box-shadow:4px  
4px 4px 4px rgb(0, 3, 208) }
```

Background

The CSS property to change the background color of an element to Android 4278191056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 3, 208) }
```

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

```
.background{ background-color: rgb(0, 3,  
208) }
```

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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