

Converting Colors

Android(4278191870)

Have a look what the booklet for
Android(4278191870) contains.

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Color

Android(4278191870)

Conversions

Conversions Part 1

Format	Color
Hex	0006FE
RGB	0, 6, 254
RGB Percent	0%, 2%, 100%
CMY	1.0000, 0.9765, 0.0039
CMYK	1.00, 0.98, 0.00, 0.00
HSL	239°, 100%, 50%
HSV	239°, 100%, 100%
XYZ	17.9545, 7.2860, 94.2260
YIQ	32.4780, -83.1840, 75.8560

Conversions

Conversions Part 2

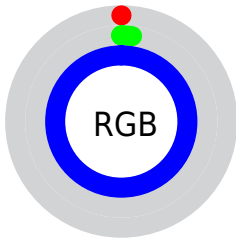
Format	Color
RYB	0, 6, 254
Decimal	1790
CIELab	32.45, 78.06, -107.06
CIELCh	32, 132.491, 306.096
Yxy	7.2860, 0.1503, 0.0610
Android (android.graphics.Color)	4278191870 (0xFF0006FE)
YUV	32.4780, 109.2103, -28.4832
Hunter-Lab	26.9926, 71.4948, -188.0751

Details

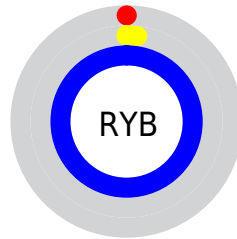
The Android color `4278191870` is a dark color, and the websafe version is hex `0000FF`. The color can be described as dark saturated blue. A complement of this color would be `4294899712`, and the grayscale version is `4280229663`.

A 20% lighter version of the original color is `4286138879`, and `4278190275` is the 20% darker color. If you saturate the color by 10%, you get `4278191870`, and if you desaturate by 10%, it is `4279836670`.

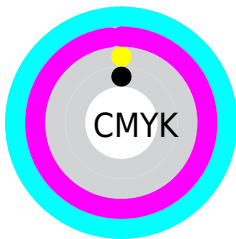
Distribution



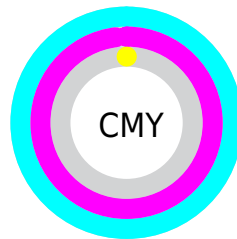
- Red (0%)
- Green (2%)
- Blue (100%)



- Red (0%)
- Yellow (2%)
- Blue (100%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191870 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 4278191870 by changing the saturation by 10% instead.

 4278191870

 4278191870

4294967295

 4278190304

 4286138879

 4278190275

 4288505343

 4278190247

 4290740479

 4278190219

 4292910335

 4278194801

 4294949119

 4278193239

 4294956543

 4278191679


 4294963967

 4278190888

 4278190353

 4278191870

 4279836670

 4281547006

 4283191550

 4284901886

 4286546686

 4288191486

 4289901822

 4291546366

 4293256702

Harmonies

Analogous

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



4278214399



4278191870



4291494052

Triad

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



4278191870



4288416512



4278217057

Complementary

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



4278191870



4294899712

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.



4278216192



4278191870



4283126016

Square

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



4278191870



4292149248



4278214912



4278218186

Rectangle

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



4278191870



4293460064



4278214912



4278216764

Sweetspot

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



4278191870



4289967359



4278255350



4283585408



4278190080



4286611584

Same Dimension

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



4278191870



4278191871



4285989118



4285756288



4278191551



4278190656

Inverse Universe

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



4294836230



4294901766



4287102464



4286608243



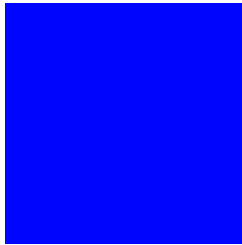
4290707461



4282384386

Previews

White Background



This preview shows how the Android color 4278191870 looks on a white background.

Color Contrast Check

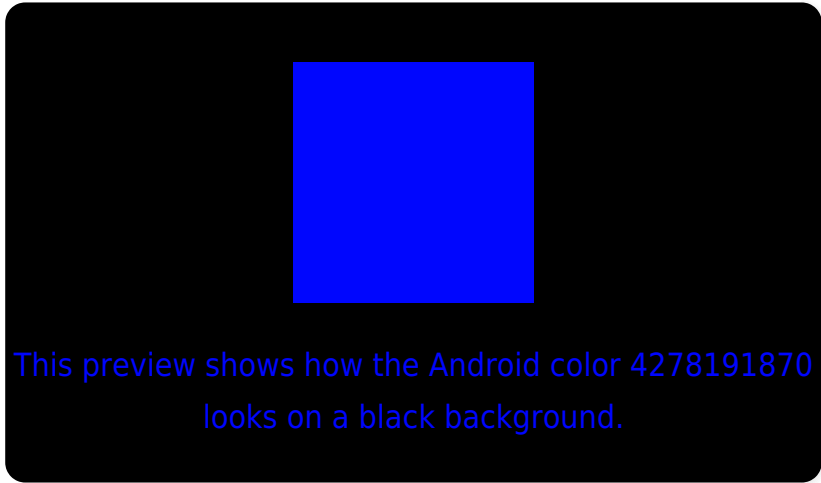
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278191870 Background



This preview shows how black text looks on a background with the Android color 4278191870.



This preview shows how white text looks on a background with the Android color 4278191870.

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
4278191870

Protanopia
4278209180

Deuteranopia
4278210436

Trichromacy



Original Color
4278191870

Protanomaly
4278202816

Deuteranomaly
4278203568

Tritanomaly
4278204565

Monochromacy



Original Color
4278191870

Achromatopsia
4280295456

Achromatomaly
4279506801

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191870 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, 6, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 254)  
}
```

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, 6, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 254) }
```

Border

The CSS property to change the border of an element to Android 4278191870 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, 6, 254) }
```

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

```
.border{ border-color:rgb(0, 6, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 6, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 254); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 254); box-shadow:4px  
4px 4px 4px rgb(0, 6, 254) }
```

Background

The CSS property to change the background color of an element to Android 4278191870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 254) }
```

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

```
.background{ background-color: rgb(0, 6,  
254) }
```

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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