

Converting Colors

Android(4278207730)

Have a look what the booklet for
Android(4278207730) contains.

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Color

Android(4278207730)

Conversions

Conversions Part 1

Format	Color
Hex	0044F2
RGB	0, 68, 242
RGB Percent	0%, 27%, 95%
CMY	1.0000, 0.7333, 0.0510
CMYK	1.00, 0.72, 0.00, 0.05
HSL	223°, 100%, 47%
HSV	223°, 100%, 95%
XYZ	18.0941, 10.5450, 85.0861
YIQ	67.5040, -96.3820, 39.6980

Conversions

Conversions Part 2

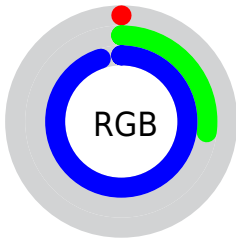
Format	Color
R _Y B	0, 53, 242
Decimal	17650
CIE Lab	38.80, 51.41, -89.73
CIE LCh	39, 103.413, 299.811
Yxy	10.5450, 0.1591, 0.0927
Android (android.graphics.Color)	4278207730 (0xFF0044F2)
YUV	67.5040, 86.0265, -59.2010
Hunter-Lab	32.4731, 42.6328, -132.6205

Details

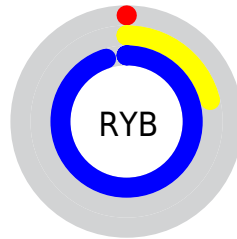
The Android color `4278207730` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark saturated blue. A complement of this color would be `4294094336`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4285625855`, and `4278196408` is the 20% darker color. If you saturate the color by 10%, you get `4278207730`, and if you desaturate by 10%, it is `4279784946`.

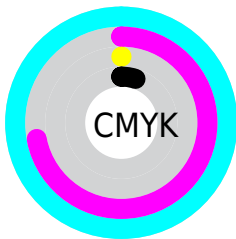
Distribution



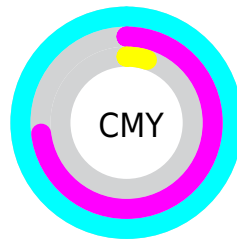
- Red (0%)
- Green (27%)
- Blue (95%)



- Red (0%)
- Yellow (21%)
- Blue (95%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (73%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207730 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 4278207730 by changing the saturation by 10% instead.

 4278207730

 4278207730

4294967295

 4278201813

 4285625855

 4278196408

 4287926271

 4278192028

 4290030079

 4278190209

 4292199935

 4278193767

 4294304255

 4278192718

4294967039

 4278191414

 4278190624

 4278190084

 4278207730

 4279784946

 4281362418

 4283005170

 4284582642

 4286159858

 4287737074

 4289314546

 4290957298

 4292534770

Harmonies

Analogous

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



4278217471



4278207730



4290183346

Triad

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



4278207730



4289669120



4278220633

Complementary

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



4278207730



4294094336

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.



4278219776



4278207730



4285618432

Square

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



4278207730



4292345871



4278217728



4278221231

Rectangle

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



4278207730



4292411516



4278217728



4278220347

Sweetspot

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



4278207730



4289972479



4278252205



4283588224



4278190080



4286611584

Same Dimension

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



4278207730



4278208767



4281598194



4285296504



4278203576



4278194232

Inverse Universe

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



4294049860



4294901832



4290703872



4286082159



4290248756



4281860112

Previews

White Background



This preview shows how the Android color 4278207730 looks on a white background.

Color Contrast Check

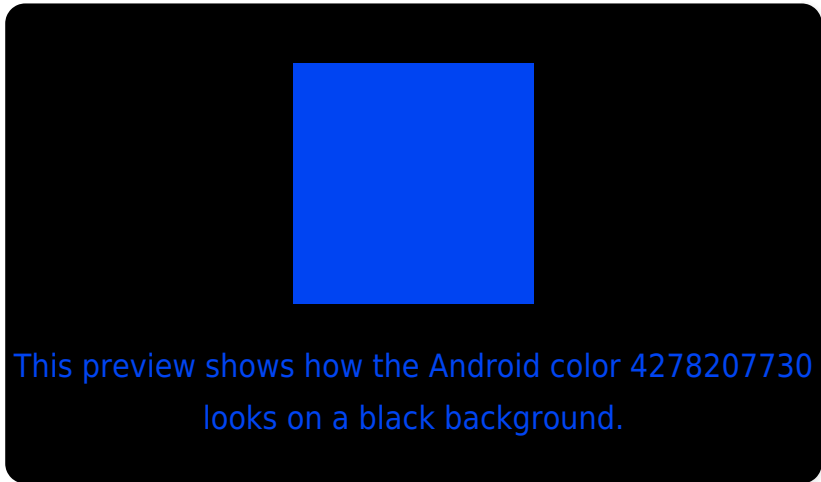
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4278207730 Background



This preview shows how black text looks on a background with the Android color 4278207730.



This preview shows how white text looks on a background with the Android color 4278207730.

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

4278207730

Protanopia

4278212792

Deuteranopia

4278214045

Trichromacy



Original Color
4278207730

Protanomaly
4278211021

Deuteranomaly
4278211772

Tritanomaly
4278213019

Monochromacy



Original Color
4278207730

Achromatopsia
4282664004

Achromatomaly
4281025667

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207730 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, 68, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 242)  
}
```

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, 68, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 242) }
```

Border

The CSS property to change the border of an element to Android 4278207730 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, 68, 242) }
```

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

```
.border{ border-color:rgb(0, 68, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 68, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 68, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 68, 242)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 242) }
```

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

```
.background{ background-color: rgb(0, 68,  
242) }
```

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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