

Converting Colors

Android(4278207736)

Have a look what the booklet for
Android(4278207736) contains.

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Color

Android(4278207736)

Conversions

Conversions Part 1

Format	Color
Hex	0044F8
RGB	0, 68, 248
RGB Percent	0%, 27%, 97%
CMY	1.0000, 0.7333, 0.0275
CMYK	1.00, 0.73, 0.00, 0.03
HSL	224°, 100%, 49%
HSV	224°, 100%, 97%
XYZ	19.0104, 10.9116, 89.9111
YIQ	68.1880, -98.3080, 41.5640

Conversions

Conversions Part 2

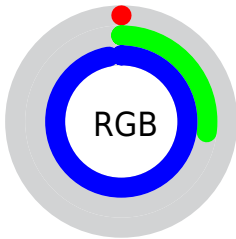
Format	Color
R _{YB}	0, 53, 248
Decimal	17656
CIE _{Lab}	39.43, 53.48, -92.06
CIE _{LCh}	39, 106.470, 300.152
Yxy	10.9116, 0.1586, 0.0911
Android (android.graphics.Color)	4278207736 (0xFF0044F8)
YUV	68.1880, 88.6473, -59.8009
Hunter-Lab	33.0326, 44.9202, -138.2578

Details

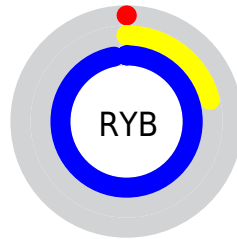
The Android color `4278207736` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark saturated blue. A complement of this color would be `4294489088`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4285756927`, and `4278196414` is the 20% darker color. If you saturate the color by 10%, you get `4278207736`, and if you desaturate by 10%, it is `4279850744`.

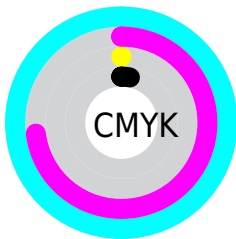
Distribution



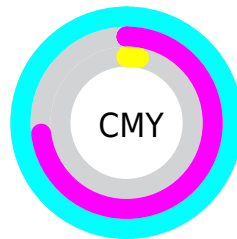
- Red (0%)
- Green (27%)
- Blue (97%)



- Red (0%)
- Yellow (21%)
- Blue (97%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (73%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207736 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 4278207736 by changing the saturation by 10% instead.

 4278207736

 4278207736

4294967295

 4278201819

 4285756927

 4278196414

 4288057343

 4278192034

 4290226943

 4278190215

 4292331007

 4278193516

 4294435327

 4278192979

4294967039

 4278191675

 4278190628

 4278190092

 4278207736

 4279850744

 4281493752


 4283071224

 4284714232

 4286357240

 4288000248

 4289643256

 4291220728

 4292863736

Harmonies

Analogous

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



4278217983



4278207736



4290511029

Triad

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



4278207736



4289865728



4278221147

Complementary

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



4278207736



4294489088

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.



4278220288



4278207736



4285684480

Square

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



4278207736



4292673548



4278218496



4278222004

Rectangle

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



4278207736



4292739198



4278218496



4278221116

Sweetspot

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



4278207736



4289972223



4278253746



4283588224



4278190080



4286611584

Same Dimension

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



4278207736



4278208255



4281729272



4285559933



4278203581



4278194493

Inverse Universe

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



4294443076



4294901830



4290967552



4286410868



4290576436



4282187793

Previews

White Background



This preview shows how the Android color 4278207736 looks on a white background.

Color Contrast Check

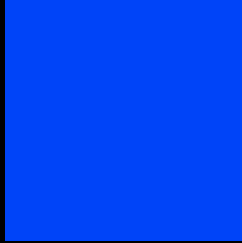
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207736 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 4278207736 Background



This preview shows how black text looks on a background with the Android color 4278207736.



This preview shows how white text looks on a background with the Android color 4278207736.

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

4278207736

Protanopia

4278213051

Deuteranopia

4278214559

Trichromacy



Original Color
4278207736

Protanomaly
4278211025

Deuteranomaly
4278212031

Tritanomaly
4278213279

Monochromacy



Original Color
4278207736

Achromatopsia
4282664004

Achromatomaly
4281025669

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207736 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 248) }
```

Border

The CSS property to change the border of an element to Android 4278207736 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, 248) }
```

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

```
.border{ border-color:rgb(0, 68, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 68, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 68, 248)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207736 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, 248) }
```

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

```
.background{ background-color: rgb(0, 68,  
248) }
```

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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