

Converting Colors

Android(4278207732)

Have a look what the booklet for
Android(4278207732) contains.

Android(4278207732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278207732)

Conversions

Conversions Part 1

Format	Color
Hex	0044F4
RGB	0, 68, 244
RGB Percent	0%, 27%, 96%
CMY	1.0000, 0.7333, 0.0431
CMYK	1.00, 0.72, 0.00, 0.04
HSL	223°, 100%, 48%
HSV	223°, 100%, 96%
XYZ	18.3963, 10.6659, 86.6771
YIQ	67.7320, -97.0240, 40.3200

Conversions

Conversions Part 2

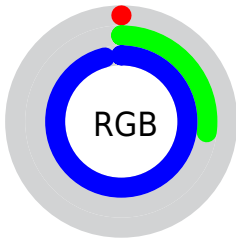
Format	Color
R _{YB}	0, 53, 244
Decimal	17652
CIE _{Lab}	39.01, 52.10, -90.51
CIE _{LCh}	39, 104.435, 299.927
Yxy	10.6659, 0.1589, 0.0922
Android (android.graphics.Color)	4278207732 (0xFF0044F4)
YUV	67.7320, 86.9001, -59.4010
Hunter-Lab	32.6587, 43.3943, -134.4963

Details

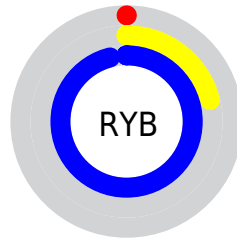
The Android color `4278207732` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark saturated blue. A complement of this color would be `4294225920`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4285691391`, and `4278196410` is the 20% darker color. If you saturate the color by 10%, you get `4278207732`, and if you desaturate by 10%, it is `4279785204`.

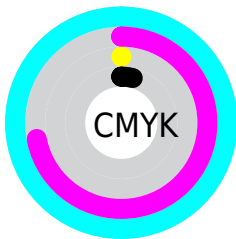
Distribution



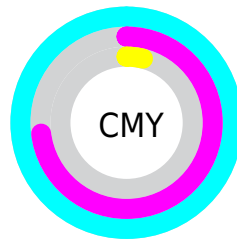
- Red (0%)
- Green (27%)
- Blue (96%)



- Red (0%)
- Yellow (21%)
- Blue (96%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (4%)



















- Cyan (100%)
- Magenta (73%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207732 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 4278207732 by changing the saturation by 10% instead.

 4278207732	 4278207732
4294967295	 4278201815
 4285691391	 4278196410
 4287926271	 4278192030
 4290095615	 4278190211
 4292265471	 4278193769
 4294369791	 4278192719
4294967039	 4278191416
	 4278190625
	 4278190086

 4278207732

 4279785204

 4281427956

 4283005428

 4284648180

 4286225652

 4287803124

 4289445876

 4291023348

 4292666100

Harmonies

Analogous

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



4278217727



4278207732



4290314419

Triad

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



4278207732



4289734656



4278220890

Complementary

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



4278207732



4294225920

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.



4278220032



4278207732



4285618688

Square

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



4278207732



4292411406



4278217984



4278221488

Rectangle

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



4278207732



4292542588



4278217984



4278220603

Sweetspot

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



4278207732



4289972479



4278252719



4283588224



4278190080



4286611584

Same Dimension

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



4278207732



4278208511



4281663732



4285428346



4278203578



4278194235

Inverse Universe

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



4294180932



4294901831



4290769920



4286213746



4290379828



4282056720

Previews

White Background



This preview shows how the Android color 4278207732 looks on a white background.

Color Contrast Check

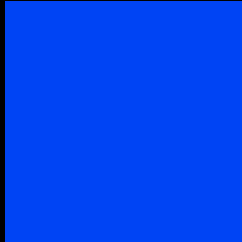
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207732 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 4278207732 Background



This preview shows how black text looks on a background with the Android color 4278207732.



This preview shows how white text looks on a background with the Android color 4278207732.

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

4278207732

Protanopia

4278212793

Deuteranopia

4278214302

Trichromacy



Original Color
4278207732

Protanomaly
4278211022

Deuteranomaly
4278212029

Tritanomaly
4278213021

Monochromacy



Original Color
4278207732

Achromatopsia
4282664004

Achromatomaly
4281025668

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207732 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 244) }
```

Border

The CSS property to change the border of an element to Android 4278207732 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, 244) }
```

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

```
.border{ border-color:rgb(0, 68, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 68, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 68, 244)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207732 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, 244) }
```

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

```
.background{ background-color: rgb(0, 68,  
244) }
```

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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