

Converting Colors

Android(4278198007)

Have a look what the booklet for
Android(4278198007) contains.

Android(4278198007)	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>	28

Color

Android(4278198007)

Conversions

Conversions Part 1

Format	Color
Hex	001EF7
RGB	0, 30, 247
RGB Percent	0%, 12%, 97%
CMY	1.0000, 0.8824, 0.0314
CMYK	1.00, 0.88, 0.00, 0.03
HSL	233°, 100%, 48%
HSV	233°, 100%, 97%
XYZ	17.2528, 7.6439, 88.5618
YIQ	45.7680, -87.5370, 61.1270

Conversions

Conversions Part 2

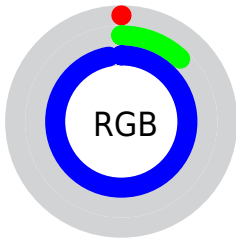
Format	Color
RYB	0, 27, 247
Decimal	7927
CIELab	33.23, 70.90, -101.81
CIElCh	33, 124.069, 304.854
Yxy	7.6439, 0.1521, 0.0674
Android (android.graphics.Color)	4278198007 (0xFF001EF7)
YUV	45.7680, 99.2074, -40.1385
Hunter-Lab	27.6477, 63.0045, -170.5659

Details

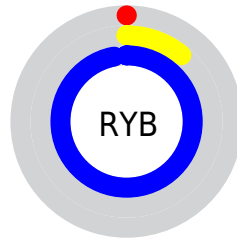
The Android color `4278198007` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark saturated blue. A complement of this color would be `4294433024`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4285945087`, and `4278190269` is the 20% darker color. If you saturate the color by 10%, you get `4278198007`, and if you desaturate by 10%, it is `4279842039`.

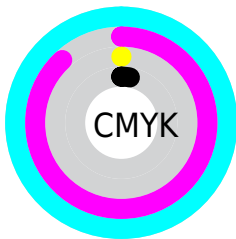
Distribution



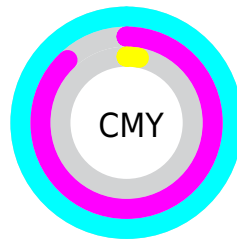
- Red (0%)
- Green (12%)
- Blue (97%)



- Red (0%)
- Yellow (11%)
- Blue (97%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (3%)





















- Cyan (100%)
- Magenta (88%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278198007 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 4278198007 by changing the saturation by 10% instead.

 4278198007	 4278198007
4294967295	 4278190298
 4285945087	 4278190269
 4288245759	 4278190241
 4290480639	 4278190213
 4292650495	 4278194539
 4294754815	 4278192977
 4294958847	 4278191417
 4294966271	 4278190627
	 4278190090

 4278198007

 4279842039

 4281420279

 4283064311

 4284708343

 4286352375

 4287930615

 4289574647

 4291218679

 4292796919

Harmonies

Analogous

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



4278214655



4278198007



4290969764

Triad

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



4278198007



4288549632



4278217309

Complementary

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



4278198007



4294433024

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.



4278216448



4278198007



4283584768

Square

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



4278198007



4291952640



4278215168



4278218432

Rectangle

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



4278198007



4292935780



4278215168



4278217018

Sweetspot

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



4278198007



4289969407



4278253526



4283586432



4278190080



4286611584

Same Dimension

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



4278198007



4278198271



4284154103



4285427834



4278196154



4278191931

Inverse Universe

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



4294377502



4294901791



4288476928



4286213744



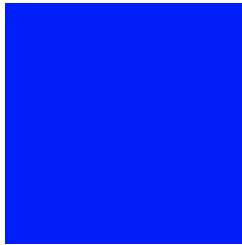
4290379799



4282056711

Previews

White Background



This preview shows how the Android color 4278198007 looks on a white background.

Color Contrast Check

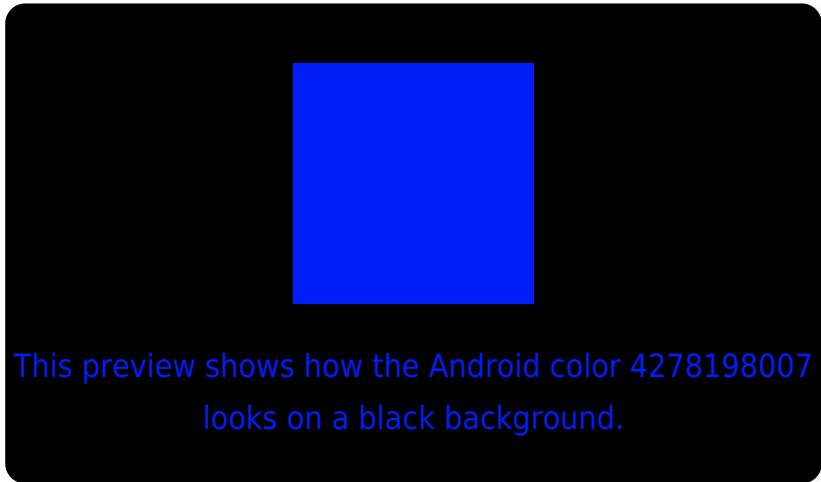
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278198007 Background



This preview shows how black text looks on a background with the Android color 4278198007.



This preview shows how white text looks on a background with the Android color 4278198007.

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
4278198007

Protanopia
4278209438

Deuteranopia
4278210694

Trichromacy



Original Color
4278198007

Protanomaly
4278205374

Deuteranomaly
4278206127

Monochromacy



Original Color
4278198007

Achromatopsia
4281216558

Achromatomaly
4280100983

CSS Examples

Text

The CSS property to change the color of the text to Android 4278198007 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, 30, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 30, 247)  
}
```

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, 30, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 30, 247) }
```

Border

The CSS property to change the border of an element to Android 4278198007 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, 30, 247) }
```

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

```
.border{ border-color:rgb(0, 30, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 30, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 30, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 30, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 30, 247)  
}
```

Background

The CSS property to change the background color of an element to Android 4278198007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 30, 247) }
```

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

```
.background{ background-color: rgb(0, 30,  
247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor