

Converting Colors

Hex(00F218)

Have a look what the booklet for
Hex(00F218) contains.

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Color

Hex(00F218)

Conversions

Conversions Part 1

Format	Color
Hex	00F218
RGB	0, 242, 24
RGB Percent	0%, 95%, 9%
CMY	1.0000, 0.0510, 0.9059
CMYK	1.00, 0.00, 0.90, 0.05
HSL	126°, 100%, 47%
HSV	126°, 100%, 95%
XYZ	31.9170, 63.5702, 11.4522
YIQ	144.7900, -74.2540, -119.1020

Conversions

Conversions Part 2

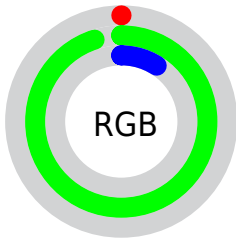
Format	Color
RYB	0, 220, 242
Decimal	61976
CIELab	83.74, -82.39, 77.56
CIELCh	84, 113.151, 136.728
Yxy	63.5702, 0.2985, 0.5945
Android (android.graphics.Color)	4278252056 (0xFF00F218)
YUV	144.7900, -59.5495, -126.9808
Hunter-Lab	79.7309, -68.0740, 47.2955

Details

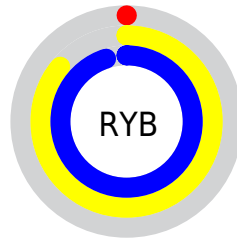
The Hex color **00F218** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F200DA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **74FF60**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **00F218**, and if you desaturate by 10%, it is **18F22E**.

Distribution



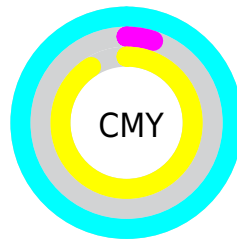
- Red (0%)
- Green (95%)
- Blue (9%)



- Red (0%)
- Yellow (86%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (90%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F218 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 Hex color 00F218 by changing the saturation by 10% instead.

 00F218

 00F218


FFFFFF

 00D500

 74FF60

 00B800

 97FF7E

 009C00

 B8FF9C

 008000

 D9FFB9

 006500

 F9FFD6

 004B00

 FFFFF4

 003200

 001600

 000000

 00F218

 18F22E

 30F244

 49F259

 61F26F

 79F285

 91F29B

 A9F2B1

 C2F2C6

 DAF2DC

Harmonies

Analogous

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



C4DE00



00F218



00FC9C

Triad

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



00F218



00EBFF



FF459B

Complementary

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



00F218



F200DA

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.



FF4EFF



00F218



00CAFF

Square

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



00F218



00FBFF



FF93FF



FF8530

Rectangle

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



00F218



00FEE7



FF93FF



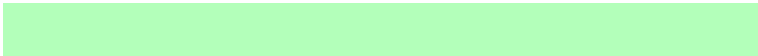
FF38BE

Sweetspot

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



00F218



B3FFBA



DEF200



528056



000000



808080

Same Dimension

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



00F218



00FF19



00F28D



6C786D



00B812



003806

Inverse Universe

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



F200DA



FF00E6



F20065



786C77



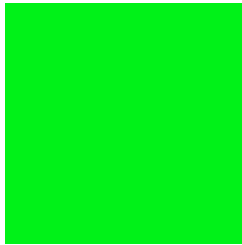
B800A5



380033

Previews

White Background



This preview shows how the Hex color 00F218 looks on a white background.

Color Contrast Check

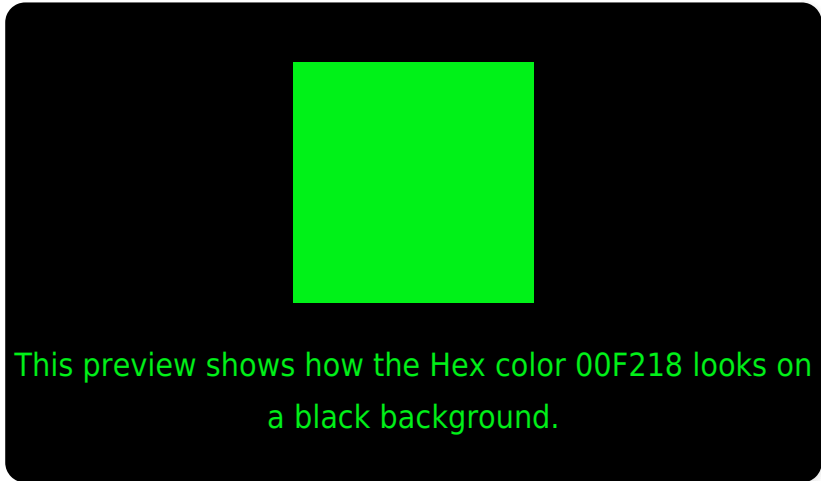
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

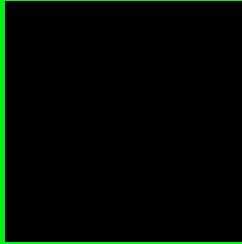
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

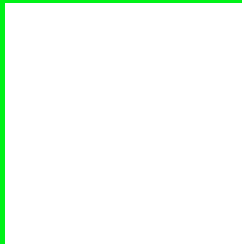
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00F218 Background



This preview shows how black text looks on a background with the Hex color 00F218.

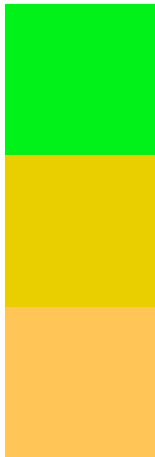


This preview shows how white text looks on a background with the Hex color 00F218.

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](#).

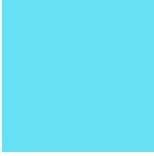
Dichromacy



Original Color
00F218

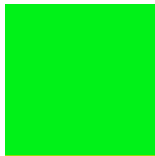
Protanopia
E9CF00

Deuteranopia
FFC557



Tritanopia
65E1F3

Trichromacy



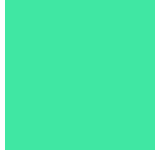
Original Color
00F218



Protanomaly
94DC09

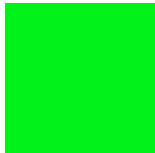


Deuteranomaly
A2D540



Tritanomaly
40E7A3

Monochromacy



Original Color
00F218



Achromatopsia
919191



Achromatomaly
5CB465

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F218 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 #00F218 looks like.

```
.text, #text, p{  
    color:#00F218  
}
```

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 #00F218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F218
}
```

Border

The CSS property to change the border of an element to Hex 00F218 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
#00F218 }
```

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

```
.border{ border-color:#00F218 }
```

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

Here you see how a box with a 4 pixel #00F218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F218; -webkit-box-shadow:4px 4px  
4px 4px #00F218; box-shadow:4px 4px 4px  
4px #00F218 }
```

Background

The CSS property to change the background color of an element to Hex 00F218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F218 }
```

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

```
.background{ background-color:#00F218 }
```

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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