

Converting Colors

Hex(00F200)

Have a look what the booklet for
Hex(00F200) contains.

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Color

Hex(00F200)

Conversions

Conversions Part 1

Format	Color
Hex	00F200
RGB	0, 242, 0
RGB Percent	0%, 95%, 0%
CMY	1.0000, 0.0510, 1.0000
CMYK	1.00, 0.00, 1.00, 0.05
HSL	120°, 100%, 47%
HSV	120°, 100%, 95%
XYZ	31.7521, 63.5043, 10.5840
YIQ	142.0540, -66.5500, -126.5660

Conversions

Conversions Part 2

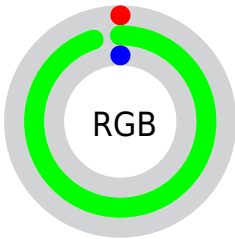
Format	Color
RYB	0, 242, 242
Decimal	61952
CIELab	83.71, -82.84, 79.95
CIELCh	84, 115.125, 136.016
Yxy	63.5043, 0.3000, 0.6000
Android (android.graphics.Color)	4278252032 (0xFF00F200)
YUV	142.0540, -70.0326, -124.5814
Hunter-Lab	79.6896, -68.3338, 47.9080

Details

The Hex color **00F200** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **F200F2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **74FF59**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **00F200**, and if you desaturate by 10%, it is **18F218**.

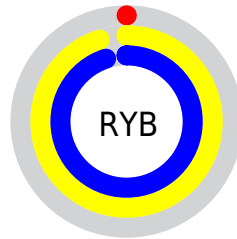
Distribution



Red (0%)

Green (95%)

Blue (0%)



Red (0%)

Yellow (95%)

Blue (95%)

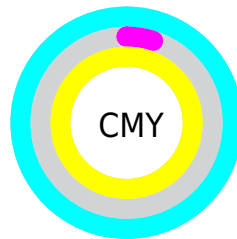


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (100%)

Magenta (5%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F200 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 00F200 by changing the saturation by 10% instead.

 00F200

 00F200

FFFFFF

 00D500


 74FF59

 00B800

 97FF78

 009C00

 B9FF95

 008000

 D9FFB3

 006500

 FAFFD1

 004B00

 FFFFEF

 003200

 001500

 000000

 00F200

 18F218

 30F230

 49F249

 61F261

 79F279

 91F291

 A9F2A9

 C2F2C2

 DAF2DA

Harmonies

Analogous

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



C6DE00



00F200



00FC98

Triad

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



00F200



00ECFF



FF3B9C

Complementary

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



00F200



F200F2

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.



FF49FF



00F200



00CBFF

Square

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



00F200



00FCFF



FF92FF



FF812F

Rectangle

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



00F200



00FEE4



FF92FF



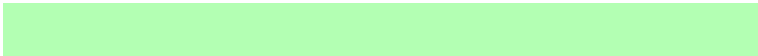
FF2DC0

Sweetspot

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



00F200



B3FFB3



F2F200



528052



000000



808080

Same Dimension

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



00F200



00FF00



00F279



6C786C



00B800



003800

Inverse Universe

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



F200F2



FF00FF



F20079



786C78



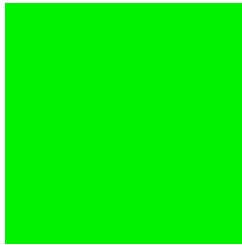
B800B8



380038

Previews

White Background



This preview shows how the Hex color 00F200 looks on a white background.

Color Contrast Check

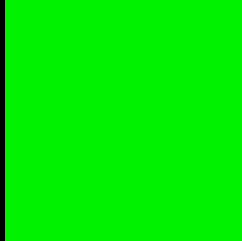
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00F200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

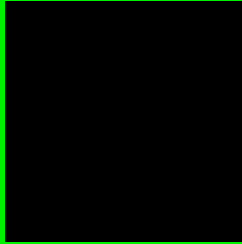
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

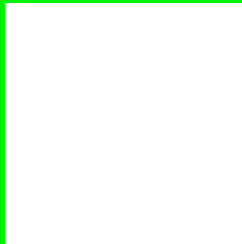
Any Text WCAG AAA ✓ Pass

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

Hex 00F200 Background



This preview shows how black text looks on a background with the Hex color 00F200.



This preview shows how white text looks on a background with the Hex color 00F200.

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](#).

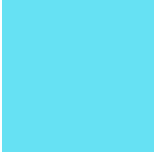
Dichromacy



Original Color
00F200

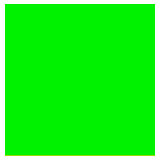
Protanopia
E9CF00

Deuteranopia
FFC556



Tritanopia
66E1F3

Trichromacy



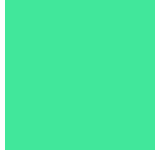
Original Color
00F200



Protanomaly
94DC00

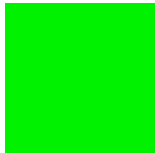


Deuteranomaly
A2D537



Tritanomaly
41E79B

Monochromacy



Original Color
00F200



Achromatopsia
8E8E8E



Achromatomaly
5AB25A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F200 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 #00F200 looks like.

```
.text, #text, p{  
    color:#00F200  
}
```

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 #00F200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F200
}
```

Border

The CSS property to change the border of an element to Hex 00F200 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
#00F200 }
```

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

```
.border{ border-color:#00F200 }
```

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

Here you see how a box with a 4 pixel #00F200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F200; -webkit-box-shadow:4px 4px  
4px 4px #00F200; box-shadow:4px 4px 4px  
4px #00F200 }
```

Background

The CSS property to change the background color of an element to Hex 00F200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F200 }
```

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

```
.background{ background-color:#00F200 }
```

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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