

Converting Colors

Hex(34F202)

Have a look what the booklet for
Hex(34F202) contains.

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Color

Hex(34F202)

Conversions

Conversions Part 1

Format	Color
Hex	34F202
RGB	52, 242, 2
RGB Percent	20%, 95%, 1%
CMY	0.7961, 0.0510, 0.9922
CMYK	0.79, 0.00, 0.99, 0.05
HSL	108°, 98%, 48%
HSV	108°, 99%, 95%
XYZ	33.1793, 64.2387, 10.7080
YIQ	157.8300, -36.2000, -114.9200

Conversions

Conversions Part 2

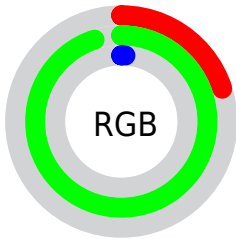
Format	Color
R _Y B	2, 242, 192
Decimal	3469826
CIE Lab	84.09, -79.37, 80.25
CIE LCh	84, 112.868, 134.682
Yxy	64.2387, 0.3069, 0.5941
Android (android.graphics.Color)	4281659906 (0xFF34F202)
YUV	157.8300, -76.8242, -92.8129
Hunter-Lab	80.1491, -66.3673, 48.1831

Details

The Hex color **34F202** 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 **C002F2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **84FF5A**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **32F200**, and if you desaturate by 10%, it is **47F21A**.

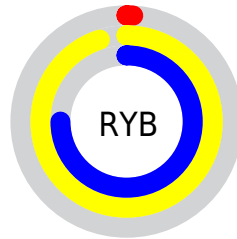
Distribution



Red (20%)

Green (95%)

Blue (1%)



Red (1%)

Yellow (95%)

Blue (75%)

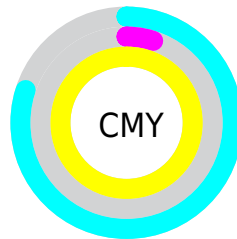


Cyan (79%)

Magenta (0%)

Yellow (99%)

Black (5%)



Cyan (80%)

Magenta (5%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34F202 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 34F202 by changing the saturation by 10% instead.

 34F202

 34F202

FFFFFF

 00D500

 84FF5A

 00B800

 A5FF78

 009C00

 C6FF96

 008100

 E6FFB4

 006600

 FFFFD1

 004C00

 FFFFEE

 003300

 001700

 000000

 34F202

 34F202

 32F200

 47F21A

 5AF232

 6DF24B

 81F263

 94F27B

 A7F293

 BAF2AB

 CDF2C4

 E0F2DC

Harmonies

Analogous

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



CCDD00



34F202



00FC95

Triad

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



34F202



00EEFF



FF44A3

Complementary

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



34F202



C002F2

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.



FF55FF



34F202



00CEFF

Square

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



34F202



00FCFF



FF98FF



FF823A

Rectangle

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



34F202



00FFE0



FF98FF



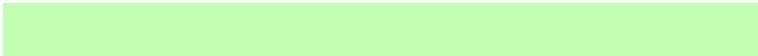
FF3BC6

Sweetspot

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



34F202



C2FFB3



F2BE02



5B8052



000000



808080

Same Dimension

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



34F202



35FF00



02F246



6E786C



26B800



0C3800

Inverse Universe

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



C002F2



CA00FF



F202AE



756C78



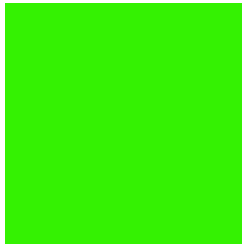
9100B8



2C0038

Previews

White Background



This preview shows how the Hex color 34F202 looks on a white background.

Color Contrast Check

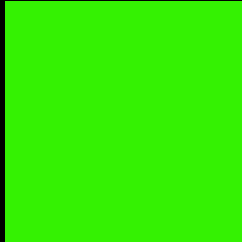
Large Text (above 18pt) WCAG AA × Fail

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 34F202 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 34F202 Background



This preview shows how black text looks on a background with the Hex color 34F202.



This preview shows how white text looks on a background with the Hex color 34F202.

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](#).

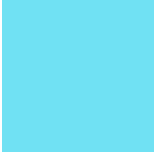
Dichromacy



Original Color
34F202

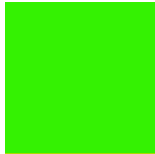
Protanopia
EAD000

Deuteranopia
FFC65D



Tritanopia
70E1F3

Trichromacy



Original Color
34F202



Protanomaly
A8DC01

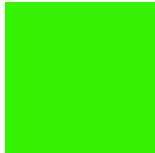


Deuteranomaly
B5D63C



Tritanomaly
5AE79B

Monochromacy



Original Color
34F202



Achromatopsia
9E9E9E



Achromatomaly
77BD65

CSS Examples

Text

The CSS property to change the color of the text to Hex 34F202 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 #34F202 looks like.

```
.text, #text, p{  
    color:#34F202  
}
```

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 #34F202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34F202
}
```

Border

The CSS property to change the border of an element to Hex 34F202 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".

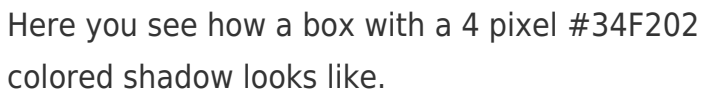
```
.border, #border, table{ border:4px solid
#34F202 }
```

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

```
.border{ border-color:#34F202 }
```

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

Here you see how a box with a 4 pixel #34F202 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34F202; -webkit-box-shadow:4px 4px  
4px 4px #34F202; box-shadow:4px 4px 4px  
4px #34F202 }
```

Background

The CSS property to change the background color of an element to Hex 34F202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34F202 }
```

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

```
.background{ background-color:#34F202 }
```

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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