

Converting Colors

Hex(36F20C)

Have a look what the booklet for
Hex(36F20C) contains.

Hex(36F20C)	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

Hex(36F20C)

Conversions

Conversions Part 1

Format	Color
Hex	36F20C
RGB	54, 242, 12
RGB Percent	21%, 95%, 5%
CMY	0.7882, 0.0510, 0.9529
CMYK	0.78, 0.00, 0.95, 0.05
HSL	109°, 91%, 50%
HSV	109°, 95%, 95%
XYZ	33.3398, 64.3151, 11.0047
YIQ	159.5680, -38.2180, -111.3860

Conversions

Conversions Part 2

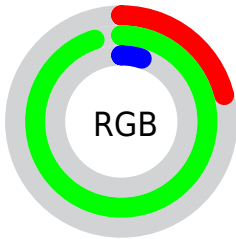
Format	Color
RYB	12, 242, 200
Decimal	3600908
CIELab	84.13, -78.97, 79.48
CIELCh	84, 112.038, 134.817
Yxy	64.3151, 0.3068, 0.5919
Android (android.graphics.Color)	4281790988 (0xFF36F20C)
YUV	159.5680, -72.7510, -92.5831
Hunter-Lab	80.1967, -66.1372, 48.0018

Details

The Hex color **36F20C** 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 **C80CF2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **85FF5D**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **2CF200**, and if you desaturate by 10%, it is **4AF224**.

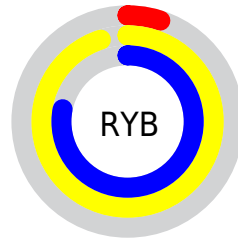
Distribution



Red (21%)

Green (95%)

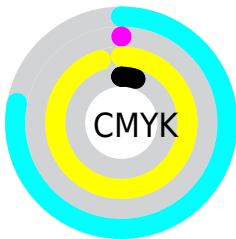
Blue (5%)



Red (5%)

Yellow (95%)

Blue (78%)

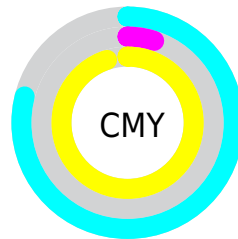


Cyan (78%)

Magenta (0%)

Yellow (95%)

Black (5%)



Cyan (79%)

Magenta (5%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36F20C 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 36F20C by changing the saturation by 10% instead.

 36F20C

 36F20C


FFFFFF

 00D500

 85FF5D

 00B800

 A6FF7B

 009C00

 C6FF98

 008100

 E6FFB6

 006600

 FFFFD3

 004C00

 FFFFF1

 003300

 001700

 000000

 36F20C

 36F20C

 2CF200

 4AF224

 5EF23C

 71F255

 85F26D

 99F285

 ADF29D

 C0F2B5

 D4F2CE

 E8F2E6

Harmonies

Analogous

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



CCDD00



36F20C



00FC96

Triad

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



36F20C



00EEFF



FF47A3

Complementary

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



36F20C



C80CF2

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.



FF57FF



36F20C



00CDFF

Square

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



36F20C



00FCFF



FF99FF



FF833B

Rectangle

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



36F20C



00FFE1



FF99FF



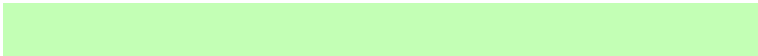
FF3FC6

Sweetspot

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



36F20C



C3FFB5



F2C80C



5B8053



000000



808080

Same Dimension

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



36F20C



2FFF00



0CF255



6E786C



22B800



0A3800

Inverse Universe

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



C80CF2



D000FF



F20CA9



766C78



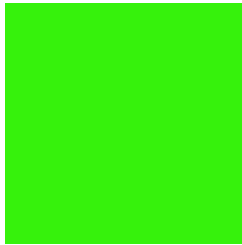
9600B8



2E0038

Previews

White Background



This preview shows how the Hex color 36F20C 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 36F20C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

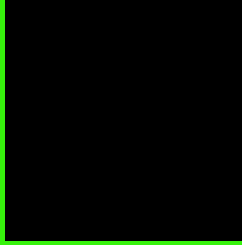
Any Text WCAG AA ✓ Pass

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 36F20C Background



This preview shows how black text looks on a background with the Hex color 36F20C.

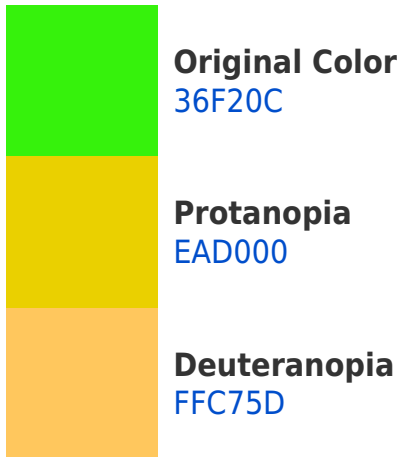


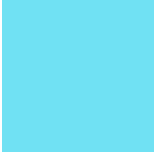
This preview shows how white text looks on a background with the Hex color 36F20C.

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](#).

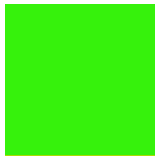
Dichromacy





Tritanopia
70E1F3

Trichromacy



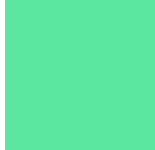
Original Color
36F20C



Protanomaly
A9DC04

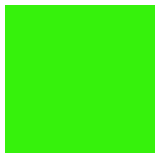


Deuteranomaly
B6D740



Tritanomaly
5BE79F

Monochromacy



Original Color
36F20C



Achromatopsia
A0A0A0



Achromatomaly
79BE6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 36F20C 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 #36F20C looks like.

```
.text, #text, p{  
    color:#36F20C  
}
```

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 #36F20C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36F20C
}
```

Border

The CSS property to change the border of an element to Hex 36F20C 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".

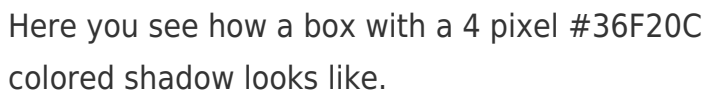
```
.border, #border, table{ border:4px solid
#36F20C }
```

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

```
.border{ border-color:#36F20C }
```

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

Here you see how a box with a 4 pixel #36F20C 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 #36F20C; -webkit-box-shadow:4px 4px  
4px 4px #36F20C; box-shadow:4px 4px 4px  
4px #36F20C }
```

Background

The CSS property to change the background color of an element to Hex 36F20C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36F20C }
```

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

```
.background{ background-color:#36F20C }
```

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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