

Converting Colors

Hex(36C00C)

Have a look what the booklet for
Hex(36C00C) contains.

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Color

Hex(36C00C)

Conversions

Conversions Part 1

Format	Color
Hex	36C00C
RGB	54, 192, 12
RGB Percent	21%, 75%, 5%
CMY	0.7882, 0.2471, 0.9529
CMYK	0.72, 0.00, 0.94, 0.25
HSL	106°, 88%, 40%
HSV	106°, 94%, 75%
XYZ	20.4373, 38.5101, 6.7039
YIQ	130.2180, -24.4680, -85.2360

Conversions

Conversions Part 2

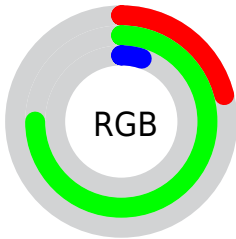
Format	Color
RYB	12, 192, 150
Decimal	3588108
CIELab	68.39, -64.22, 66.53
CIElCh	68, 92.474, 133.988
Yxy	38.5101, 0.3113, 0.5866
Android (android.graphics.Color)	4281778188 (0xFF36C00C)
YUV	130.2180, -58.2815, -66.8432
Hunter-Lab	62.0565, -49.8127, 37.0345

Details

The Hex color **36C00C** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **960CC0**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7AFA53**, and **008900** is the 20% darker color. If you saturate the color by 10%, you get **2DC000**, and if you desaturate by 10%, it is **45C01F**.

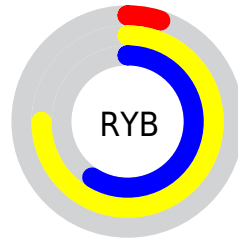
Distribution



Red (21%)

Green (75%)

Blue (5%)



Red (5%)

Yellow (75%)

Blue (59%)

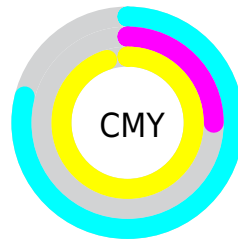


Cyan (72%)

Magenta (0%)

Yellow (94%)

Black (25%)



Cyan (79%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36C00C 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 36C00C by changing the saturation by 10% instead.

 36C00C

 36C00C


FFFFFF

 00A400


 7AFA53

 008900

 99FF6F

 006E00

 B7FF8B

 005500

 D6FFA7

 003C00

 F4FFC4

 002400

 FFFFE1

 000000

 36C00C

 36C00C

 2DC000

 45C01F

 53C032

 62C046

 71C059

 80C06C

 8EC07F

 9DC092

 ACC0A6

 BAC0B9

Harmonies

Analogous

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



A5AF00



36C00C



00C875

Triad

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



36C00C



00BDFE



FF3C84

Complementary

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



36C00C



9600C0

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.



FF49D7



36C00C



00A4FF

Square

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



36C00C



00C9FF



D97BFF



FF6832

Rectangle

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



36C00C



00CBB0



D97BFF



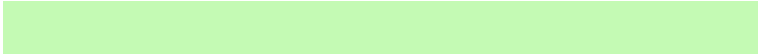
FF389F

Sweetspot

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



36C00C



C4FAB4



C0960C



5C7D52



FCFCFC



7D7D7D

Same Dimension

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



36C00C



3AFA00



0CC03C



596157



25A100



082100

Inverse Universe

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



960CC0



C000FA



C00C90



5F5761



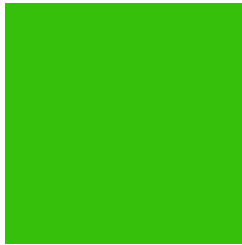
7B00A1



190021

Previews

White Background



This preview shows how the Hex color 36C00C looks on a white background.

Color Contrast Check

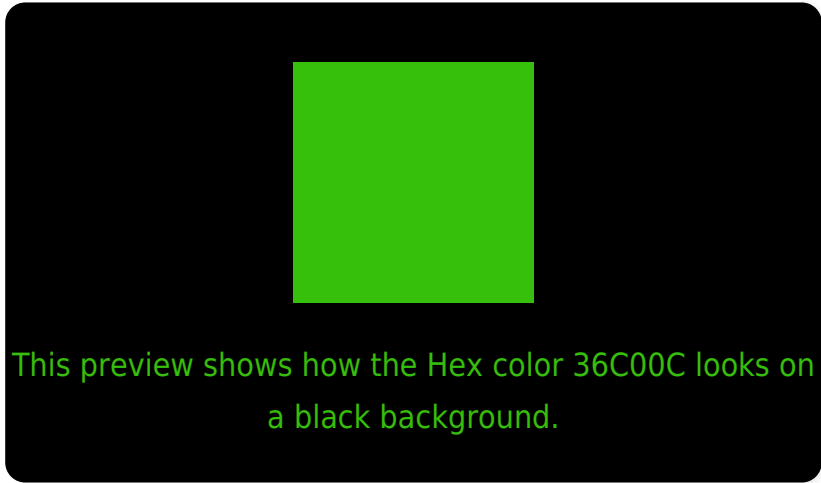
Large Text (above 18pt) WCAG AA × Fail

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

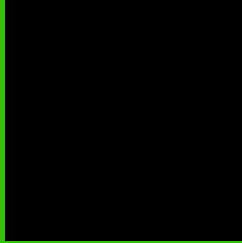
Any Text WCAG AA ✓ Pass

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 36C00C Background



This preview shows how black text looks on a background with the Hex color 36C00C.

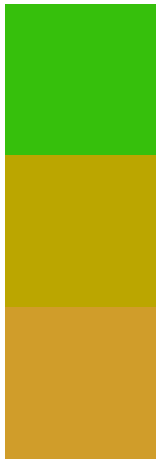


This preview shows how white text looks on a background with the Hex color 36C00C.

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
36C00C

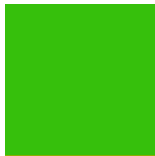
Protanopia
BBA600

Deuteranopia
D09D2A



Tritanopia
5EB2C1

Trichromacy



Original Color
36C00C



Protanomaly
8BAF04



Deuteranomaly
98AA1F



Tritanomaly
4FB77F

Monochromacy



Original Color
36C00C



Achromatopsia
828282



Achromatomaly
669957

CSS Examples

Text

The CSS property to change the color of the text to Hex 36C00C 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 #36C00C looks like.

```
.text, #text, p{  
    color:#36C00C  
}
```

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 #36C00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C00C
}
```

Border

The CSS property to change the border of an element to Hex 36C00C 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
#36C00C }
```

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

```
.border{ border-color:#36C00C }
```

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

Here you see how a box with a 4 pixel #36C00C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C00C; -webkit-box-shadow:4px 4px  
4px 4px #36C00C; box-shadow:4px 4px 4px  
4px #36C00C }
```

Background

The CSS property to change the background color of an element to Hex 36C00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C00C }
```

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

```
.background{ background-color:#36C00C }
```

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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