

Converting Colors

Hex(35E012)

Have a look what the booklet for
Hex(35E012) contains.

Hex(35E012)	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(35E012)

Conversions

Conversions Part 1

Format	Color
Hex	35E012
RGB	53, 224, 18
RGB Percent	21%, 88%, 7%
CMY	0.7922, 0.1216, 0.9294
CMYK	0.76, 0.00, 0.92, 0.12
HSL	110°, 85%, 47%
HSV	110°, 92%, 88%
XYZ	28.2330, 54.1119, 9.5289
YIQ	149.3870, -35.7900, -100.3180

Conversions

Conversions Part 2

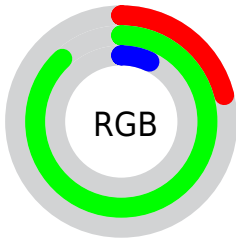
Format	Color
RYB	18, 224, 189
Decimal	3530770
CIELab	78.53, -73.83, 74.18
CIELCh	79, 104.661, 134.864
Yxy	54.1119, 0.3073, 0.5890
Android (android.graphics.Color)	4281720850 (0xFF35E012)
YUV	149.3870, -64.7738, -84.5314
Hunter-Lab	73.5608, -60.2220, 43.8123

Details


The Hex color **35E012** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **BD12E0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **80FF5B**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **26E000**, and if you desaturate by 10%, it is **48E028**.

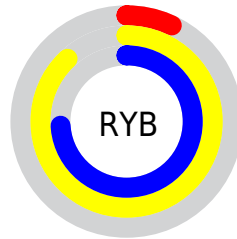
Distribution



 Red (21%)

 Green (88%)

 Blue (7%)




 Red (7%)

 Yellow (88%)

 Blue (74%)

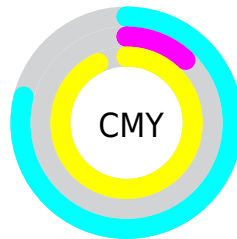


 Cyan (76%)


 Magenta (0%)

 Yellow (92%)

 Black (12%)



 Cyan (79%)

 Magenta (12%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35E012 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 35E012 by changing the saturation by 10% instead.

 35E012

 35E012

FFFFFF

 00C300

 80FF5B

 00A700

 A1FF78

 008C00

 C0FF95

 007100

 E0FFB2

 005600

 FFFF00

 003E00

 FFFFED

 002400

 000000

 35E012

 35E012

 26E000

 48E028

 5AE03F

 6DE055

 7FE06C

 92E082

 A5E098

 B7E0AF

 CAE0C5

 DCE0DC

Harmonies

Analogous

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



BDCD00



35E012



00E98C

Triad

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



35E012



00DCFF



FF4597

Complementary

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



35E012



BD12E0

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.



FF52F8



35E012



00BEFF

Square

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



35E012



00E9FF



FF8EFF



FF7A37

Rectangle

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



35E012



00ECD0



FF8EFF



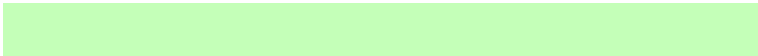
FF3EB7

Sweetspot

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



35E012



C4FFB8



E0BA12



5C8054



000000



808080

Same Dimension

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



35E012



2BFF00



12E053



677065



1EB000



083000

Inverse Universe

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



BD12E0



D400FF



E0129F



6E6570



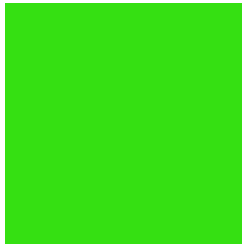
9200B0



280030

Previews

White Background



This preview shows how the Hex color 35E012 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 35E012 Background



This preview shows how black text looks on a background with the Hex color 35E012.

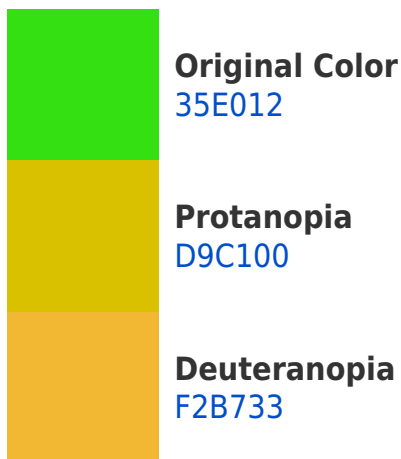


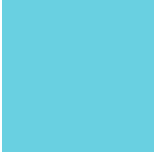
This preview shows how white text looks on a background with the Hex color 35E012.

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](#).

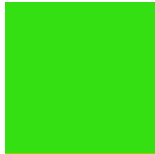
Dichromacy





Tritanopia
69D0E1

Trichromacy



Original Color
35E012



Protanomaly
9DCC07

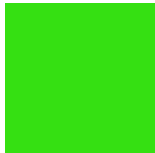


Deuteranomaly
ADC627



Tritanomaly
56D696

Monochromacy



Original Color
35E012



Achromatopsia
959595



Achromatomaly
72B065

CSS Examples

Text

The CSS property to change the color of the text to Hex 35E012 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 #35E012 looks like.

```
.text, #text, p{  
    color:#35E012  
}
```

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 #35E012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35E012
}
```

Border

The CSS property to change the border of an element to Hex 35E012 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
#35E012 }
```

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

```
.border{ border-color:#35E012 }
```

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

Here you see how a box with a 4 pixel #35E012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35E012; -webkit-box-shadow:4px 4px  
4px 4px #35E012; box-shadow:4px 4px 4px  
4px #35E012 }
```

Background

The CSS property to change the background color of an element to Hex 35E012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35E012 }
```

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

```
.background{ background-color:#35E012 }
```

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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