

Converting Colors

Hex(35E600)

Have a look what the booklet for
Hex(35E600) contains.

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Color

Hex(35E600)

Conversions

Conversions Part 1

Format	Color
Hex	35E600
RGB	53, 230, 0
RGB Percent	21%, 90%, 0%
CMY	0.7922, 0.0980, 1.0000
CMYK	0.77, 0.00, 1.00, 0.10
HSL	106°, 100%, 45%
HSV	106°, 100%, 90%
XYZ	29.7650, 57.3505, 9.5010
YIQ	150.8570, -31.6620, -109.0540

Conversions

Conversions Part 2

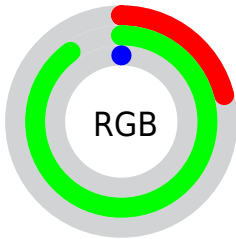
Format	Color
RYB	0, 230, 177
Decimal	3532288
CIELab	80.38, -75.87, 77.46
CIELCh	80, 108.427, 134.408
Yxy	57.3505, 0.3081, 0.5936
Android (android.graphics.Color)	4281722368 (0xFF35E600)
YUV	150.8570, -74.3725, -85.8206
Hunter-Lab	75.7301, -62.3700, 45.5727

Details

The Hex color **35E600** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **B100E6**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **82FF57**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **35E600**, and if you desaturate by 10%, it is **47E617**.

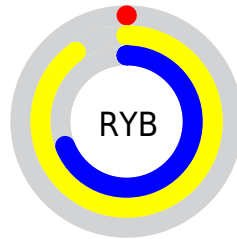
Distribution



Red (21%)

Green (90%)

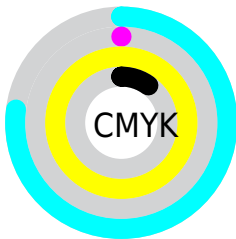
Blue (0%)



Red (0%)

Yellow (90%)

Blue (69%)

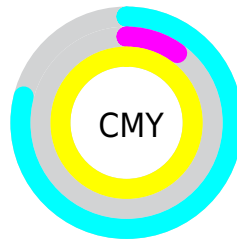


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (79%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35E600 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 35E600 by changing the saturation by 10% instead.

 35E600

 35E600


FFFFFF

 00C900

 82FF57

 00AD00

 A3FF75

 009100

 C2FF92

 007600

 E2FFB0

 005B00

 FFFFCD

 004200

 FFFFEB

 002900

 000300

 000000

 35E600

 47E617

 58E62E

 6AE645

 7CE65C

 8EE673

 9FE68A

 B1E6A1

 C3E6B8

 D4E6CF

Harmonies

Analogous

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



C3D200



35E600



00F08D

Triad

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



35E600



00E2FF



FF419C

Complementary

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



35E600



B100E6

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.



FF51FF



35E600



00C4FF

Square

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



35E600



00F0FF



FF91FF



FF7B38

Rectangle

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



35E600



00F2D4



FF91FF



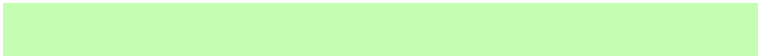
FF39BD

Sweetspot

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



35E600



C4FFB3



E6B000



5C8052



000000



808080

Same Dimension

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



35E600



3BFF00



00E63D



6A7367



29B300



0C3300

Inverse Universe

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



B100E6



C400FF



E600A9



706773



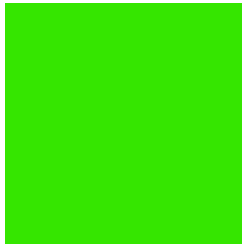
8900B3



270033

Previews

White Background



This preview shows how the Hex color 35E600 looks on a white background.

Color Contrast Check

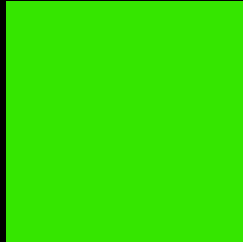
Large Text (above 18pt) WCAG AA × Fail

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 35E600 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 35E600 Background



This preview shows how black text looks on a background with the Hex color 35E600.

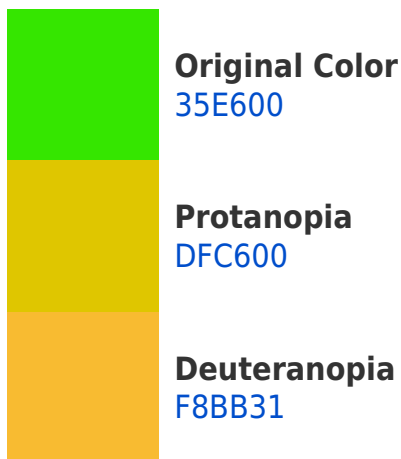


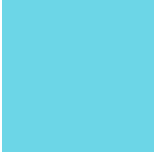
This preview shows how white text looks on a background with the Hex color 35E600.

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](#).

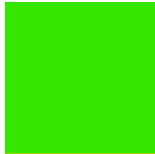
Dichromacy





Tritanopia
6CD6E7

Trichromacy



Original Color
35E600



Protanomaly
A1D200



Deuteranomaly
B1CB1F



Tritanomaly
58DC93

Monochromacy



Original Color
35E600



Achromatopsia
979797



Achromatomaly
73B460

CSS Examples

Text

The CSS property to change the color of the text to Hex 35E600 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 #35E600 looks like.

```
.text, #text, p{  
    color:#35E600  
}
```

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 #35E600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35E600
}
```

Border

The CSS property to change the border of an element to Hex 35E600 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
#35E600 }
```

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

```
.border{ border-color:#35E600 }
```

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

Here you see how a box with a 4 pixel #35E600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35E600; -webkit-box-shadow:4px 4px  
4px 4px #35E600; box-shadow:4px 4px 4px  
4px #35E600 }
```

Background

The CSS property to change the background color of an element to Hex 35E600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35E600 }
```

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

```
.background{ background-color:#35E600 }
```

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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