

Converting Colors

Hex(45F117)

Have a look what the booklet for
Hex(45F117) contains.

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Color

Hex(45F117)

Conversions

Conversions Part 1

Format	Color
Hex	45F117
RGB	69, 241, 23
RGB Percent	27%, 95%, 9%
CMY	0.7294, 0.0549, 0.9098
CMYK	0.71, 0.00, 0.90, 0.05
HSL	107°, 89%, 52%
HSV	107°, 90%, 95%
XYZ	34.0642, 64.2377, 11.4144
YIQ	164.7200, -32.5340, -104.2620

Conversions

Conversions Part 2

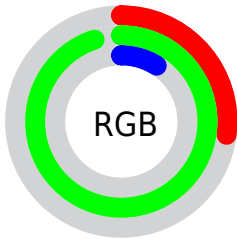
Format	Color
RYB	23, 241, 195
Decimal	4583703
CIELab	84.09, -76.26, 78.26
CIELCh	84, 109.275, 134.257
Yxy	64.2377, 0.3105, 0.5855
Android (android.graphics.Color)	4282773783 (0xFF45F117)
YUV	164.7200, -69.8680, -83.9464
Hunter-Lab	80.1484, -64.3947, 47.6601

Details

The Hex color **45F117** 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 **C317F1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8DFF60**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **33F100**, and if you desaturate by 10%, it is **58F12F**.

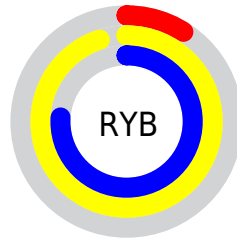
Distribution



Red (27%)

Green (95%)

Blue (9%)



Red (9%)

Yellow (95%)

Blue (76%)

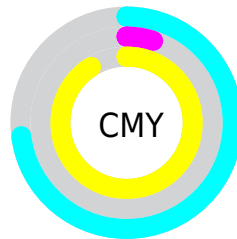


Cyan (71%)

Magenta (0%)

Yellow (90%)

Black (5%)



Cyan (73%)

Magenta (5%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45F117 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 45F117 by changing the saturation by 10% instead.

 45F117

 45F117


FFFFFF

 00D400

 8DFF60

 00B700

 AEFF7E

 009B00

 CEFF9B

 008000

 EDFFB9

 006500

 FFFFD6

 004B00

 FFFFF4

 003300

 001700

 000000

 45F117

 45F117

 33F100

 58F12F

 6BF147

 7EF15F

 91F177

 A4F18F

 B7F1A8

 CAF1C0

 DDF1D8

 F0F1F0

Harmonies

Analogous

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



CFDC00



45F117



00FB96

Triad

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



45F117



00EDFF



FF50A6

Complementary

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



45F117



C317F1

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.



FF5FFF



45F117



00CEFF

Square

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



45F117



00FBFF



FF9BFF



FF8541

Rectangle

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



45F117



00FEDE



FF9BFF



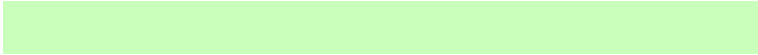
FF49C8

Sweetspot

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



45F117



C9FFBA



F1C217



5F8057



000000



808080

Same Dimension

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



45F117



36FF00



17F155



6E786C



27B800



0C3800

Inverse Universe

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



C317F1



C900FF



F117B3



756C78



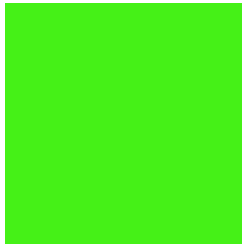
9100B8



2C0038

Previews

White Background



This preview shows how the Hex color 45F117 looks on a white background.

Color Contrast Check

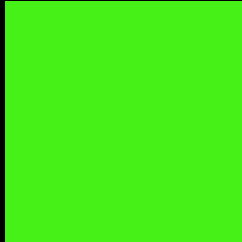
Large Text (above 18pt) WCAG AA × Fail

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 45F117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

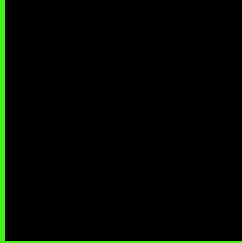
Any Text WCAG AA ✓ Pass

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 45F117 Background



This preview shows how black text looks on a background with the Hex color 45F117.

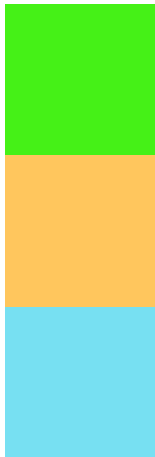


This preview shows how white text looks on a background with the Hex color 45F117.

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

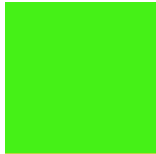


Original Color
E67E22

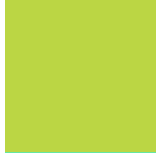
Deuteranopia
F08080

Tritanopia
87CEEB

Trichromacy



Original Color
45F117

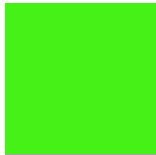


Deuteranomaly
BBD644

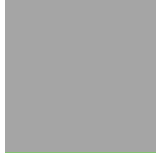


Tritanomaly
65E6A2

Monochromacy



Original Color
45F117



Achromatopsia
A5A5A5



Achromatomaly
82C171

CSS Examples

Text

The CSS property to change the color of the text to Hex 45F117 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 #45F117 looks like.

```
.text, #text, p{  
    color:#45F117  
}
```

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 #45F117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45F117
}
```

Border

The CSS property to change the border of an element to Hex 45F117 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
#45F117 }
```

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

```
.border{ border-color:#45F117 }
```

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

Here you see how a box with a 4 pixel #45F117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45F117; -webkit-box-shadow:4px 4px  
4px 4px #45F117; box-shadow:4px 4px 4px  
4px #45F117 }
```

Background

The CSS property to change the background color of an element to Hex 45F117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45F117 }
```

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

```
.background{ background-color:#45F117 }
```

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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