

Converting Colors

Hex(5EF20F)

Have a look what the booklet for
Hex(5EF20F) contains.

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Color

Hex(5EF20F)

Conversions

Conversions Part 1

Format	Color
Hex	5EF20F
RGB	94, 242, 15
RGB Percent	37%, 95%, 6%
CMY	0.6314, 0.0510, 0.9412
CMYK	0.61, 0.00, 0.94, 0.05
HSL	99°, 90%, 50%
HSV	99°, 94%, 95%
XYZ	36.4544, 65.9184, 11.2541
YIQ	171.8700, -15.3410, -101.9730

Conversions

Conversions Part 2

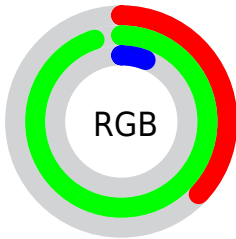
Format	Color
RYB	15, 242, 163
Decimal	6222351
CIELab	84.95, -71.87, 80.20
CIELCh	85, 107.691, 131.865
Yxy	65.9184, 0.3208, 0.5801
Android (android.graphics.Color)	4284412431 (0xFF5EF20F)
YUV	171.8700, -77.3369, -68.2920
Hunter-Lab	81.1902, -61.9362, 48.6147

Details

The Hex color **5EF20F** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated green. A complement of this color would be **A30FF2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A0FF5E**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **54F200**, and if you desaturate by 10%, it is **6EF227**.

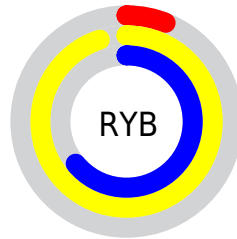
Distribution



Red (37%)

Green (95%)

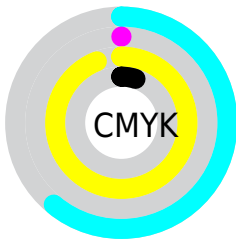
Blue (6%)



Red (6%)

Yellow (95%)

Blue (64%)

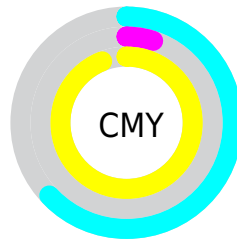


Cyan (61%)

Magenta (0%)

Yellow (94%)

Black (5%)



Cyan (63%)

Magenta (5%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EF20F 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 5EF20F by changing the saturation by 10% instead.

 5EF20F

 5EF20F

FFFFFF

 36D500

 A0FF5E

 00B800

 C0FF7C

 009D00

 DFFF99

 008100

 FEFFB7

 006700

 FFFFD5

 004D00

 FFFFF3

 003500

 001A00

 000000

 5EF20F

 5EF20F

 54F200

 6EF227

 7EF23F

 8DF258

 9DF270

 ADF288

 BDF2A0

 CCF2B8

 DCF2D1

 ECF2E9

Harmonies

Analogous

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



DADC00



5EF20F



00FD90

Triad

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



5EF20F



00F1FF



FF56B0

Complementary

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



5EF20F



A30FF2

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.



FF6AFF



5EF20F



00D4FF

Square

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



5EF20F



00FEFF



FFA4FF



FF854E

Rectangle

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



5EF20F



00FFD8



FFA4FF



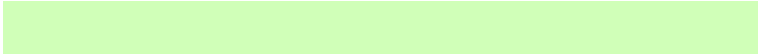
FF53D2

Sweetspot

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



5EF20F



D0FFB8



F2A30F



638054



000000



808080

Same Dimension

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



5EF20F



59FF00



0FF231



70786C



40B800



143800

Inverse Universe

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



A30FF2



A600FF



F20FD0



746C78



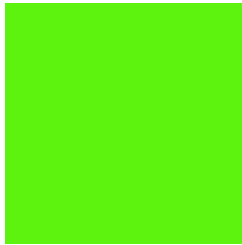
7800B8



250038

Previews

White Background



This preview shows how the Hex color 5EF20F looks on a white background.

Color Contrast Check

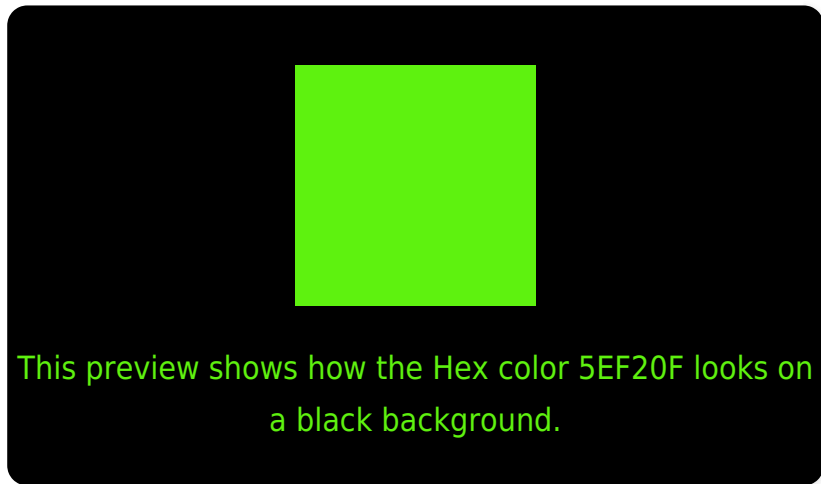
Large Text (above 18pt) WCAG AA × Fail

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

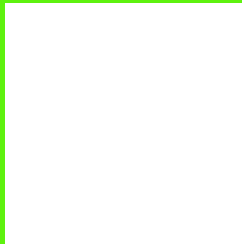
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5EF20F Background



This preview shows how black text looks on a background with the Hex color 5EF20F.

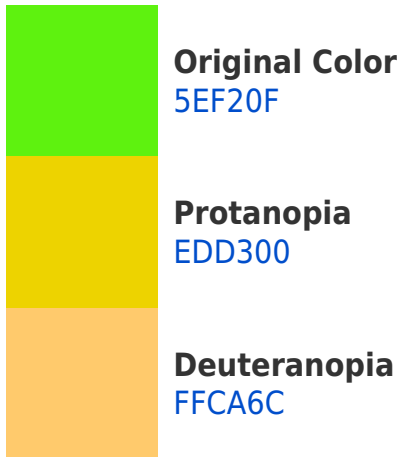


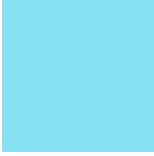
This preview shows how white text looks on a background with the Hex color 5EF20F.

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](#).

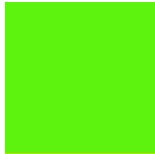
Dichromacy





Tritanopia
86E1F3

Trichromacy



Original Color
5EF20F



Protanomaly
B9DE05

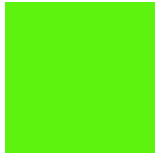


Deuteranomaly
C4D94A



Tritanomaly
77E7A0

Monochromacy



Original Color
5EF20F



Achromatopsia
ACACAC



Achromatomaly
90C573

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EF20F 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 #5EF20F looks like.

```
.text, #text, p{  
    color:#5EF20F  
}
```

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 #5EF20F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF20F
}
```

Border

The CSS property to change the border of an element to Hex 5EF20F 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
#5EF20F }
```

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

```
.border{ border-color:#5EF20F }
```

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

Here you see how a box with a 4 pixel #5EF20F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF20F; -webkit-box-shadow:4px 4px  
4px 4px #5EF20F; box-shadow:4px 4px 4px  
4px #5EF20F }
```

Background

The CSS property to change the background color of an element to Hex 5EF20F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF20F }
```

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

```
.background{ background-color:#5EF20F }
```

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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