

Converting Colors

Hex(6EF538)

Have a look what the booklet for
Hex(6EF538) contains.

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Color

Hex(6EF538)

Conversions

Conversions Part 1

Format	Color
Hex	6EF538
RGB	110, 245, 56
RGB Percent	43%, 96%, 22%
CMY	0.5686, 0.0392, 0.7804
CMYK	0.55, 0.00, 0.77, 0.04
HSL	103°, 90%, 59%
HSV	103°, 77%, 96%
XYZ	39.7966, 68.9053, 14.9439
YIQ	183.0890, -19.7910, -87.3990

Conversions

Conversions Part 2

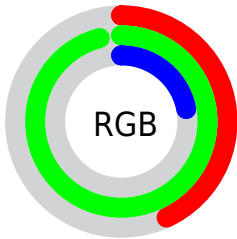
Format	Color
RYB	56, 245, 191
Decimal	7271736
CIELab	86.46, -67.57, 73.49
CIELCh	86, 99.827, 132.597
Yxy	68.9053, 0.3219, 0.5573
Android (android.graphics.Color)	4285461816 (0xFF6EF538)
YUV	183.0890, -62.6549, -64.0991
Hunter-Lab	83.0092, -59.6890, 47.4326

Details

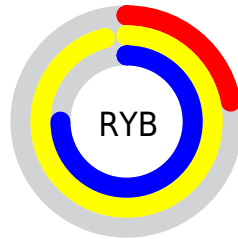
The Hex color **6EF538** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **BF38F5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ADFF75**, and **1FBB00** is the 20% darker color. If you saturate the color by 10%, you get **5DF51F**, and if you desaturate by 10%, it is **80F550**.

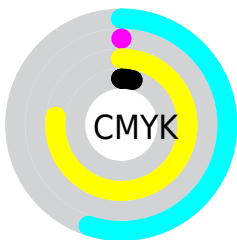
Distribution



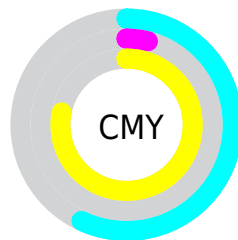
- Red (43%)
- Green (96%)
- Blue (22%)



- Red (22%)
- Yellow (96%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (77%)
- Black (4%)



- Cyan (57%)
- Magenta (4%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF538 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 6EF538 by changing the saturation by 10% instead.

 6EF538

 6EF538

FFFFFF

 4CD80B

 ADF75

 1FBB00

 CCFF91

 00A000

 EBFFAE

 008400

 FFFFCC

 006A00

 FFFF99

 005000

 003900

 001F00

 000000

 6EF538

 6EF538

 5DF51F

 80F550

 4BF507

 91F569

 46F500

 A3F582

 B4F59A

 C5F5B2

 D7F5CB

 E9F5E3

 FAF5FC

 FFF5FF

Harmonies

Analogous

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



DEE100



6EF538



00FF9C

Triad

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



6EF538



00F2FF



FF6FB5

Complementary

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



6EF538



BF38F5

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.



FF7CFF



6EF538



00D6FF

Square

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



6EF538



00FFFF



FFABFF



FF935B

Rectangle

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



6EF538



00FFDE



FFABFF



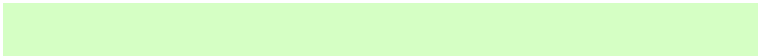
FF6DD4

Sweetspot

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



6EF538



D5FFC4



F5BC38



66805C



000000



808080

Same Dimension

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



6EF538



56FF12



38F55E



727A6E



35BA00



113B00

Inverse Universe

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



BF38F5



BB12FF



F538CF



776E7A



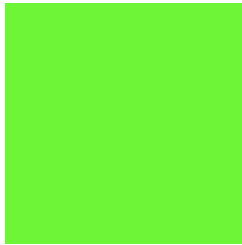
8500BA



2A003B

Previews

White Background



This preview shows how the Hex color 6EF538 looks on a white background.

Color Contrast Check

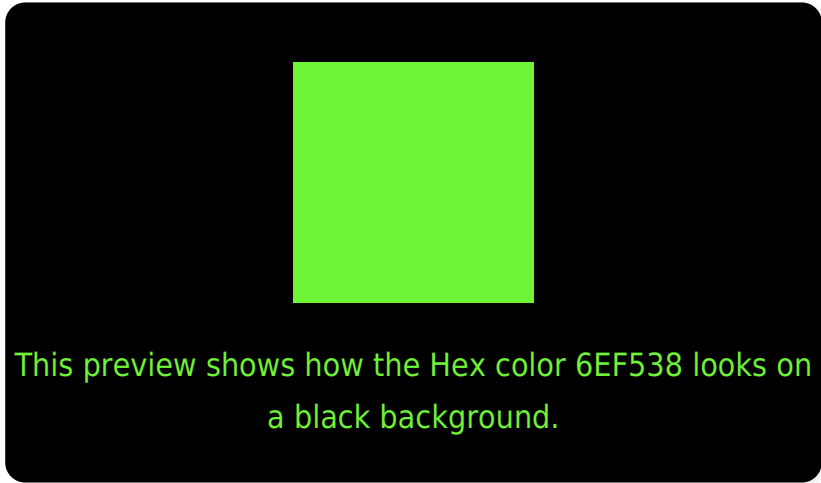
Large Text (above 18pt) WCAG AA × Fail

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 6EF538 Background



This preview shows how black text looks on a background with the Hex color 6EF538.

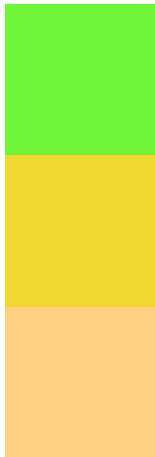


This preview shows how white text looks on a background with the Hex color 6EF538.

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](#).

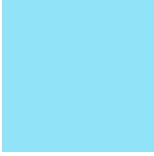
Dichromacy



Original Color
6EF538

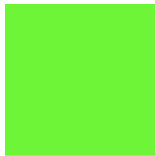
Protanopia
F1D730

Deuteranopia
FFCF84



Tritanopia
91E4F7

Trichromacy



Original Color
6EF538



Protanomaly
C1E233



Deuteranomaly
CADD68

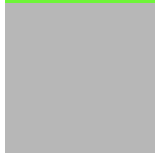


Tritanomaly
84EAB2

Monochromacy



Original Color
6EF538



Achromatopsia
B7B7B7



Achromatomaly
9CCE89

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF538 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 #6EF538 looks like.

```
.text, #text, p{  
    color:#6EF538  
}
```

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 #6EF538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF538
}
```

Border

The CSS property to change the border of an element to Hex 6EF538 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
#6EF538 }
```

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

```
.border{ border-color:#6EF538 }
```

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

Here you see how a box with a 4 pixel #6EF538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF538; -webkit-box-shadow:4px 4px  
4px 4px #6EF538; box-shadow:4px 4px 4px  
4px #6EF538 }
```

Background

The CSS property to change the background color of an element to Hex 6EF538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF538 }
```

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

```
.background{ background-color:#6EF538 }
```

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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