

Converting Colors

Hex(6FF126)

Have a look what the booklet for
Hex(6FF126) contains.

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Color

Hex(6FF126)

Conversions

Conversions Part 1

Format	Color
Hex	6FF126
RGB	111, 241, 38
RGB Percent	44%, 95%, 15%
CMY	0.5647, 0.0549, 0.8510
CMYK	0.54, 0.00, 0.84, 0.05
HSL	98°, 88%, 55%
HSV	98°, 84%, 95%
XYZ	38.3607, 66.4300, 12.6342
YIQ	178.9880, -12.3170, -90.6930

Conversions

Conversions Part 2

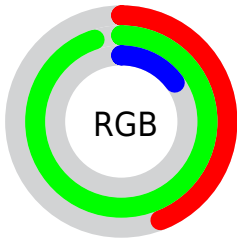
Format	Color
R_{YB}	38, 241, 168
Decimal	7336230
CIE _{Lab}	85.22, -66.77, 76.96
CIE _{LCh}	85, 101.886, 130.944
Yxy	66.4300, 0.3267, 0.5657
Android (android.graphics.Color)	4285526310 (0xFF6FF126)
YUV	178.9880, -69.5071, -59.6255
Hunter-Lab	81.5046, -58.6209, 47.8626

Details

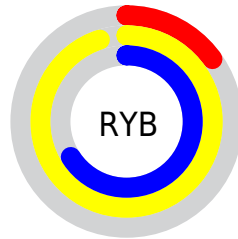
The Hex color **6FF126** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **A826F1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **AEFF68**, and **22B800** is the 20% darker color. If you saturate the color by 10%, you get **60F10E**, and if you desaturate by 10%, it is **7EF13E**.

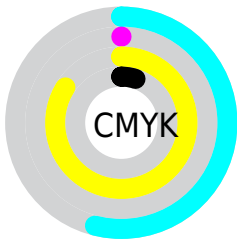
Distribution



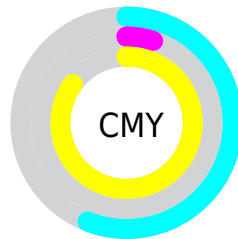
- Red (44%)
- Green (95%)
- Blue (15%)



- Red (15%)
- Yellow (95%)
- Blue (66%)



- Cyan (54%)
- Magenta (0%)
- Yellow (84%)
- Black (5%)



- Cyan (56%)
- Magenta (5%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FF126 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 6FF126 by changing the saturation by 10% instead.

 6FF126

 6FF126


FFFFFF

 4DD400

 AEFF68

 22B800

 CDFF85

 009C00

 ECFFA2

 008100

 FFFFC0

 006700

 FFFFDD

 004D00

 FFFFFB

 003600

 001B00

 000000

 6FF126

 6FF126

 60F10E

 7EF13E

 57F100

 8EF156

 9DF16E

 ADF186

 BCF19E

 CCF1B7

 DBF1CF

 EAF1E7

 FAF1FF

Harmonies

Analogous

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



DFDC00



6FF126



00FC92

Triad

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



6FF126



00F1FF



FF65B6

Complementary

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



6FF126



A826F1

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.



FF77FF



6FF126



00D5FF

Square

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



6FF126



00DFF



FFA9FF



FF8B5A

Rectangle

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



6FF126



00FFD5



FFA9FF



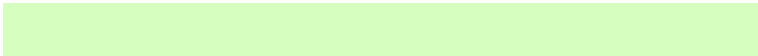
FF64D6

Sweetspot

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



6FF126



D6FFBF



F1A726



678059



000000



808080

Same Dimension

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



6FF126



5CFF00



26F141



70786C



42B800



143800

Inverse Universe

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



A826F1



A300FF



F126D6



746C78



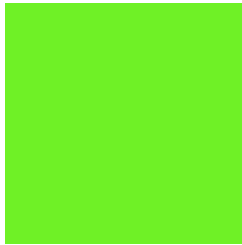
7600B8



240038

Previews

White Background



This preview shows how the Hex color 6FF126 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 6FF126 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

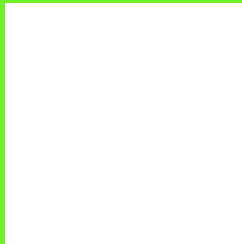
Any Text WCAG AAA ✓ Pass

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

Hex 6FF126 Background



This preview shows how black text looks on a background with the Hex color 6FF126.

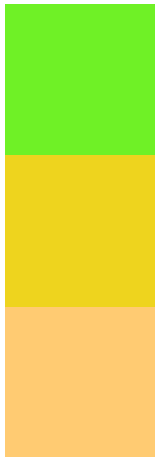


This preview shows how white text looks on a background with the Hex color 6FF126.

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
6FF126

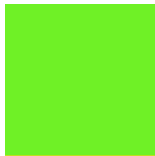
Protanopia
EED41E

Deuteranopia
FFCB72



Tritanopia
91E0F2

Trichromacy



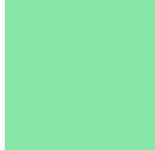
Original Color
6FF126



Protanomaly
C0DF21



Deuteranomaly
CBD956

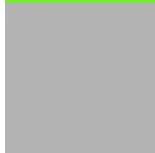


Tritanomaly
85E6A8

Monochromacy



Original Color
6FF126



Achromatopsia
B3B3B3



Achromatomaly
9ACA80

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FF126 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 #6FF126 looks like.

```
.text, #text, p{  
    color:#6FF126  
}
```

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 #6FF126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FF126
}
```

Border

The CSS property to change the border of an element to Hex 6FF126 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
#6FF126 }
```

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

```
.border{ border-color:#6FF126 }
```

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

Here you see how a box with a 4 pixel #6FF126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FF126; -webkit-box-shadow:4px 4px  
4px 4px #6FF126; box-shadow:4px 4px 4px  
4px #6FF126 }
```

Background

The CSS property to change the background color of an element to Hex 6FF126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FF126 }
```

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

```
.background{ background-color:#6FF126 }
```

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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