

Converting Colors

Hex(6AF16E)

Have a look what the booklet for
Hex(6AF16E) contains.

Hex(6AF16E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6AF16E)

Conversions

Conversions Part 1

Format	Color
Hex	6AF16E
RGB	106, 241, 110
RGB Percent	42%, 95%, 43%
CMY	0.5843, 0.0549, 0.5686
CMYK	0.56, 0.00, 0.54, 0.05
HSL	122°, 83%, 68%
HSV	122°, 56%, 95%
XYZ	40.2136, 67.1006, 25.5841
YIQ	185.7010, -38.4090, -69.3610

Conversions

Conversions Part 2

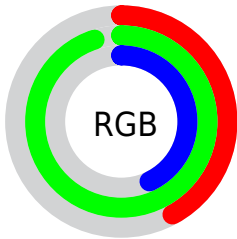
Format	Color
RYB	106, 237, 241
Decimal	7008622
CIELab	85.55, -62.38, 51.68
CIELCh	86, 81.003, 140.357
Yxy	67.1006, 0.3026, 0.5049
Android (android.graphics.Color)	4285198702 (0xFF6AF16E)
YUV	185.7010, -37.3206, -69.8978
Hunter-Lab	81.9149, -55.7220, 38.8227

Details

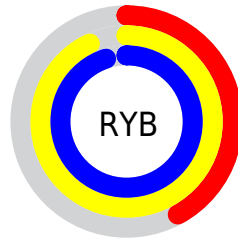
The Hex color **6AF16E** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F16AED**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A7FFA4**, and **1FB839** is the 20% darker color. If you saturate the color by 10%, you get **52F157**, and if you desaturate by 10%, it is **82F185**.

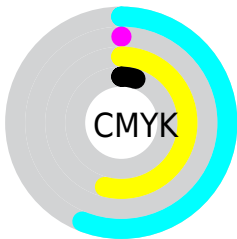
Distribution



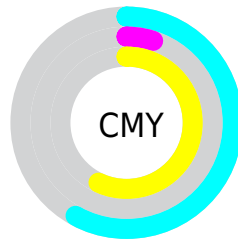
- Red (42%)
- Green (95%)
- Blue (43%)



- Red (42%)
- Yellow (93%)
- Blue (95%)



- Cyan (56%)
- Magenta (0%)
- Yellow (54%)
- Black (5%)



- Cyan (58%)
- Magenta (5%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AF16E 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 6AF16E by changing the saturation by 10% instead.

 6AF16E

 6AF16E

FFFFFF

 49D453

 A7FFA4

 1FB839

 C5FFC0

 009C1C

 E4FFDD

 008100

 FFFFFA

 006700

 004D00

 003600

 001C00

 000000

 6AF16E

 6AF16E

 52F157

 82F185

 3AF13F

 9AF19D

 22F128

 B2F1B4

 0AF110

 CAF1CC

 00F107

 E3F1E3

 FBF1FA

 FFF1FF

Harmonies

Analogous

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



CBE232



6AF16E



00F9BA

Triad

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



6AF16E



00E6FF



FF90A5

Complementary

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



6AF16E



F16AED

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.



FF8FF2



6AF16E



A7CCFF

Square

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



6AF16E



00F5FF



FFAAFF



FFAA61

Rectangle

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



6AF16E



00FAEF



FFAAFF



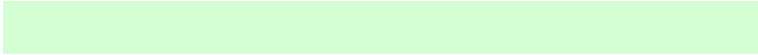
FF8CBE

Sweetspot

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



6AF16E



D4FFD5



EFF16A



668067



000000



808080

Same Dimension

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



6AF16E



54FF59



6AF1B0



6C786C



00B805



003802

Inverse Universe

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



F16AED



FF54FA



F16AAB



786C77



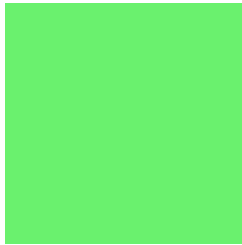
B800B2



380036

Previews

White Background



This preview shows how the Hex color 6AF16E 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 6AF16E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

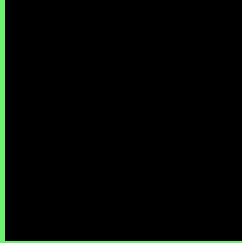
Any Text WCAG AA ✓ Pass

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 6AF16E Background



This preview shows how black text looks on a background with the Hex color 6AF16E.

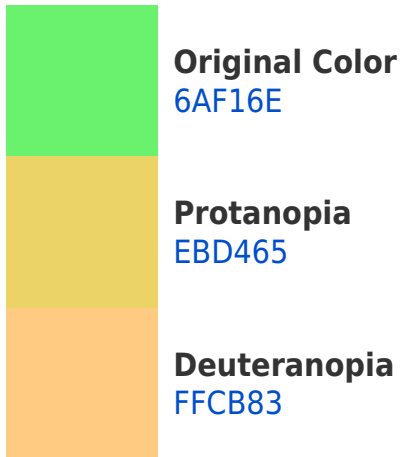


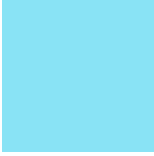
This preview shows how white text looks on a background with the Hex color 6AF16E.

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



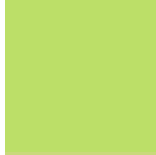


Tritanopia
89E3F5

Trichromacy



Original Color
6AF16E



Protanomaly
BCDF68



Deuteranomaly
C9D97B



Tritanomaly
7EE8C4

Monochromacy



Original Color
6AF16E



Achromatopsia
BABABA



Achromatomaly
9DCE9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6AF16E 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 #6AF16E looks like.

```
.text, #text, p{  
    color:#6AF16E  
}
```

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 #6AF16E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF16E
}
```

Border

The CSS property to change the border of an element to Hex 6AF16E 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
#6AF16E }
```

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

```
.border{ border-color:#6AF16E }
```

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

Here you see how a box with a 4 pixel #6AF16E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF16E; -webkit-box-shadow:4px 4px  
4px 4px #6AF16E; box-shadow:4px 4px 4px  
4px #6AF16E }
```

Background

The CSS property to change the background color of an element to Hex 6AF16E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF16E }
```

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

```
.background{ background-color:#6AF16E }
```

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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