

Converting Colors

Hex(66B42E)

Have a look what the booklet for
Hex(66B42E) contains.

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Color

Hex(66B42E)

Conversions

Conversions Part 1

Format	Color
Hex	66B42E
RGB	102, 180, 46
RGB Percent	40%, 71%, 18%
CMY	0.6000, 0.2941, 0.8196
CMYK	0.43, 0.00, 0.74, 0.29
HSL	95°, 59%, 44%
HSV	95°, 74%, 71%
XYZ	22.2939, 35.6646, 8.2937
YIQ	141.4020, -3.4740, -58.2100

Conversions

Conversions Part 2

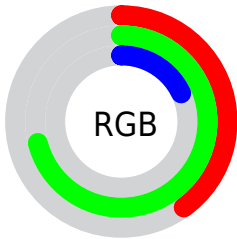
Format	Color
RYB	46, 180, 124
Decimal	6730798
CIELab	66.26, -46.23, 57.05
CIELCh	66, 73.429, 129.015
Yxy	35.6646, 0.3365, 0.5383
Android (android.graphics.Color)	4284920878 (0xFF66B42E)
YUV	141.4020, -47.0332, -34.5556
Hunter-Lab	59.7198, -37.8742, 33.5698

Details

The Hex color **66B42E** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7C2EB4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9FEC65**, and **2B7E00** is the 20% darker color. If you saturate the color by 10%, you get **5CB41C**, and if you desaturate by 10%, it is **70B440**.

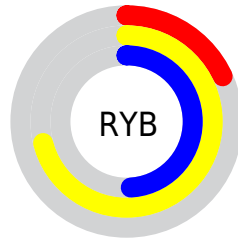
Distribution



Red (40%)

Green (71%)

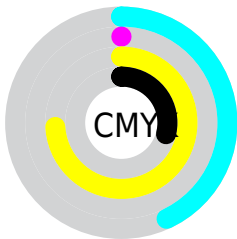
Blue (18%)



Red (18%)

Yellow (71%)

Blue (49%)

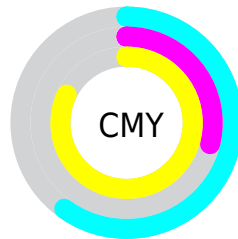


Cyan (43%)

Magenta (0%)

Yellow (74%)

Black (29%)



Cyan (60%)

Magenta (29%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B42E 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 66B42E by changing the saturation by 10% instead.

 66B42E

 66B42E

FFFFFF

 49990A

 9FEC65

 2B7E00

 BBFF80

 006500

 D9FF9C

 004C00

 F6FFB8

 003400

 FFFFD4

 001E00

 FFFFF1

 000000

 66B42E

 66B42E

 5CB41C

 70B440

 51B40A

 7BB452

 4BB400

 85B464

 90B476

 9AB488

 A5B49A

 AFB4AC

 BAB4BE

 C4B4D0

Harmonies

Analogous

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



AEA400



66B42E



00BC6F

Triad

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



66B42E



00B5FF



FF5C90

Complementary

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



66B42E



7C2EB4

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.



FF68D2



66B42E



00A2FF

Square

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



66B42E



00BEF3



BC86FF



FF6F51

Rectangle

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



66B42E



00BF9D



BC86FF



FF5CA6

Sweetspot

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



66B42E



CDEBB7



B47A2E



647557



F5F5F5



757575

Same Dimension

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



66B42E



71EB1A



2EB437



545950



409900



0B1A00

Inverse Universe

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



7C2EB4



931AEB



B42EAB



565059



590099



0F001A

Previews

White Background



This preview shows how the Hex color 66B42E looks on a white background.

Color Contrast Check

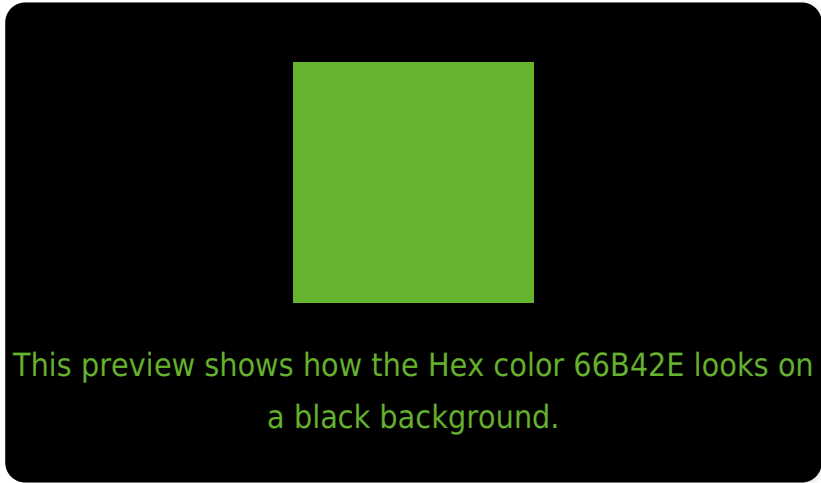
Large Text (above 18pt) WCAG AA × Fail

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 66B42E Background



This preview shows how black text looks on a background with the Hex color 66B42E.



This preview shows how white text looks on a background with the Hex color 66B42E.

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
7BA8B5

Trichromacy



Original Color
66B42E



Protanomaly
98A82B



Deuteranomaly
A4A235



Tritanomaly
73AC84

Monochromacy



Original Color
66B42E



Achromatopsia
8D8D8D



Achromatomaly
7F9B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 66B42E 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 #66B42E looks like.

```
.text, #text, p{  
    color:#66B42E  
}
```

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 #66B42E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B42E
}
```

Border

The CSS property to change the border of an element to Hex 66B42E 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
#66B42E }
```

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

```
.border{ border-color:#66B42E }
```

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

Here you see how a box with a 4 pixel #66B42E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B42E; -webkit-box-shadow:4px 4px  
4px 4px #66B42E; box-shadow:4px 4px 4px  
4px #66B42E }
```

Background

The CSS property to change the background color of an element to Hex 66B42E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B42E }
```

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

```
.background{ background-color:#66B42E }
```

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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