

Converting Colors

Hex(65B64E)

Have a look what the booklet for
Hex(65B64E) contains.

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Color

Hex(65B64E)

Conversions

Conversions Part 1

Format	Color
Hex	65B64E
RGB	101, 182, 78
RGB Percent	40%, 71%, 31%
CMY	0.6039, 0.2863, 0.6941
CMYK	0.45, 0.00, 0.57, 0.29
HSL	107°, 42%, 51%
HSV	107°, 57%, 71%
XYZ	23.4699, 36.7727, 13.0686
YIQ	145.9250, -14.8920, -49.5160

Conversions

Conversions Part 2

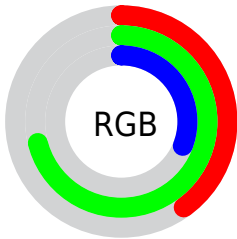
Format	Color
RYB	78, 182, 159
Decimal	6665806
CIELab	67.11, -44.53, 44.63
CIELCh	67, 63.047, 134.935
Yxy	36.7727, 0.3201, 0.5016
Android (android.graphics.Color)	4284855886 (0xFF65B64E)
YUV	145.9250, -33.4870, -39.3992
Hunter-Lab	60.6405, -37.0352, 29.6708

Details

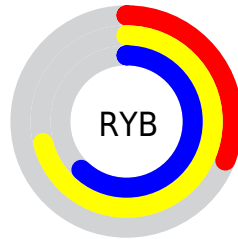
The Hex color **65B64E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9F4EB6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9DEF82**, and **2B801A** is the 20% darker color. If you saturate the color by 10%, you get **57B63C**, and if you desaturate by 10%, it is **73B660**.

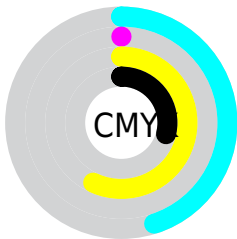
Distribution



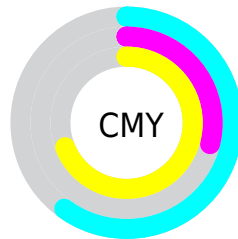
- Red (40%)
- Green (71%)
- Blue (31%)



- Red (31%)
- Yellow (71%)
- Blue (62%)



- Cyan (45%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B64E 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 65B64E by changing the saturation by 10% instead.

 65B64E

 65B64E

FFFFFF

 499B34

 9DEF82

 2B801A

 B9FF9D

 006700

 D6FFB9

 004E00

 F4FFD5

 003600

 FFFFF2

 002000

 000000

 65B64E

 65B64E

 57B63C

 73B660

 49B62A

 81B672

 3AB617

 90B685

 2CB605

 9EB697

 28B600

 ACB6A9

 BAB6BB

 C8B6CD

 D6B6E0

 E5B6F2

Harmonies

Analogous

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



A6A929



65B64E



00BD84

Triad

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



65B64E



00B2FF



FF6F89

Complementary

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



65B64E



9F4EB6

Split Complementary

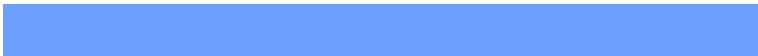
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FC73C2



65B64E



6CA0FF

Square

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



65B64E



00BCF2



CB88F4



FD7F55

Rectangle

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



65B64E



00BFAB



CB88F4



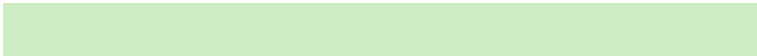
FF6E9C

Sweetspot

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



65B64E



CEEDC5



B69E4E



657860



F7F7F7



787878

Same Dimension

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



65B64E



6EED4A



4EB66A



555C53



229C00



061C00

Inverse Universe

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



9F4EB6



C94AED



B64E9A



5A535C



79009C



16001C

Previews

White Background



This preview shows how the Hex color 65B64E looks on a white background.

Color Contrast Check

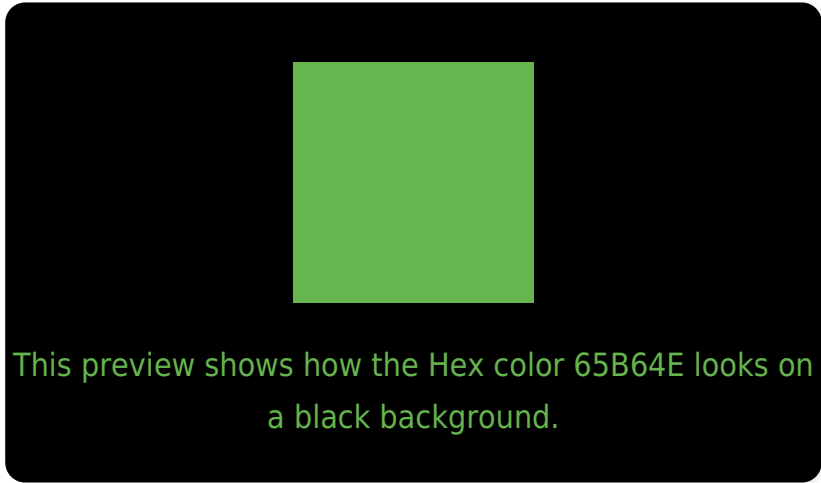
Large Text (above 18pt) WCAG AA × Fail

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 65B64E Background



This preview shows how black text looks on a background with the Hex color 65B64E.



This preview shows how white text looks on a background with the Hex color 65B64E.

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
65B64E

Protanopia
B4A348

Deuteranopia
C79B56



Tritanopia
78ABB9

Trichromacy



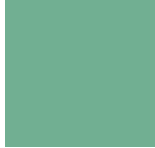
Original Color
65B64E



Protanomaly
97AA4A



Deuteranomaly
A3A553



Tritanomaly
71AF92

Monochromacy



Original Color
65B64E



Achromatopsia
929292



Achromatomaly
829F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 65B64E 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 #65B64E looks like.

```
.text, #text, p{  
    color:#65B64E  
}
```

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 #65B64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B64E
}
```

Border

The CSS property to change the border of an element to Hex 65B64E 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
#65B64E }
```

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

```
.border{ border-color:#65B64E }
```

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

Here you see how a box with a 4 pixel #65B64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B64E; -webkit-box-shadow:4px 4px  
4px 4px #65B64E; box-shadow:4px 4px 4px  
4px #65B64E }
```

Background

The CSS property to change the background color of an element to Hex 65B64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B64E }
```

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

```
.background{ background-color:#65B64E }
```

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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