

Converting Colors

Hex(65A61E)

Have a look what the booklet for
Hex(65A61E) contains.

Hex(65A61E)	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(65A61E)

Conversions

Conversions Part 1

Format	Color
Hex	65A61E
RGB	101, 166, 30
RGB Percent	40%, 65%, 12%
CMY	0.6039, 0.3490, 0.8824
CMYK	0.39, 0.00, 0.82, 0.35
HSL	89°, 69%, 38%
HSV	89°, 82%, 65%
XYZ	19.2374, 30.1329, 6.0306
YIQ	131.0610, 4.9160, -56.0760

Conversions

Conversions Part 2

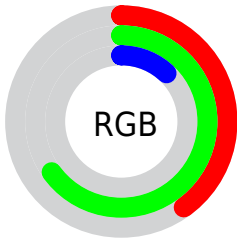
Format	Color
RYB	30, 166, 95
Decimal	6661662
CIELab	61.77, -41.64, 57.85
CIELCh	62, 71.278, 125.750
Yxy	30.1329, 0.3472, 0.5439
Android (android.graphics.Color)	4284851742 (0xFF65A61E)
YUV	131.0610, -49.8231, -26.3635
Hunter-Lab	54.8934, -33.5082, 31.9118

Details

The Hex color **65A61E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5F1EA6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9DDE57**, and **2C7100** is the 20% darker color. If you saturate the color by 10%, you get **5DA60D**, and if you desaturate by 10%, it is **6DA62F**.

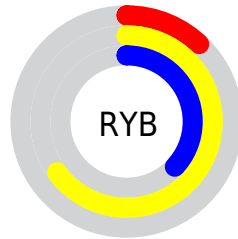
Distribution



Red (40%)

Green (65%)

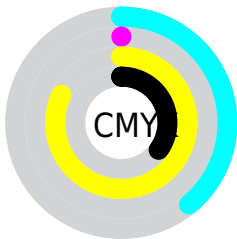
Blue (12%)



Red (12%)

Yellow (65%)

Blue (37%)

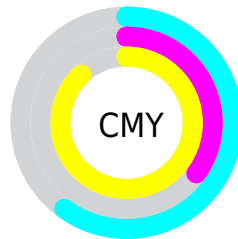


Cyan (39%)

Magenta (0%)

Yellow (82%)

Black (35%)



Cyan (60%)

Magenta (35%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A61E 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 65A61E by changing the saturation by 10% instead.

 65A61E

 65A61E

FFFFFF

 498B00

 9DDE57

 2C7100

 BAFA73

 065800

 D7FF8E

 004000

 F4FFAA

 002A00

 FFFFC6

 000C00

 FFFF E3

 000000

 65A61E

 65A61E

 5DA60D

 6DA62F

■ 57A600

■ 75A63F

■ 7DA650

■ 85A660

■ 8DA671

■ 95A682

■ 9DA692

■ A4A6A3

■ ACA6B3

Harmonies

Analogous

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



A89600



65A61E



00AF5E

Triad

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



65A61E



00A9FF



FF518C

Complementary

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



65A61E



5F1EA6

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.



EA60CA



65A61E



0099FF

Square

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



65A61E



00B1DE



A57FFD



FD624F

Rectangle

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



65A61E



00B18A



A57FFD



FF53A1

Sweetspot

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



65A61E



BFD9A3



A65D1E



5E6E4D



EDEDED



6E6E6E

Same Dimension

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



65A61E



73D904



23A61E



50544C



4D9400



0B1400

Inverse Universe

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



5F1EA6



6A04D9



A11EA6



504C54



470094



0A0014

Previews

White Background



This preview shows how the Hex color 65A61E looks on a white background.

Color Contrast Check

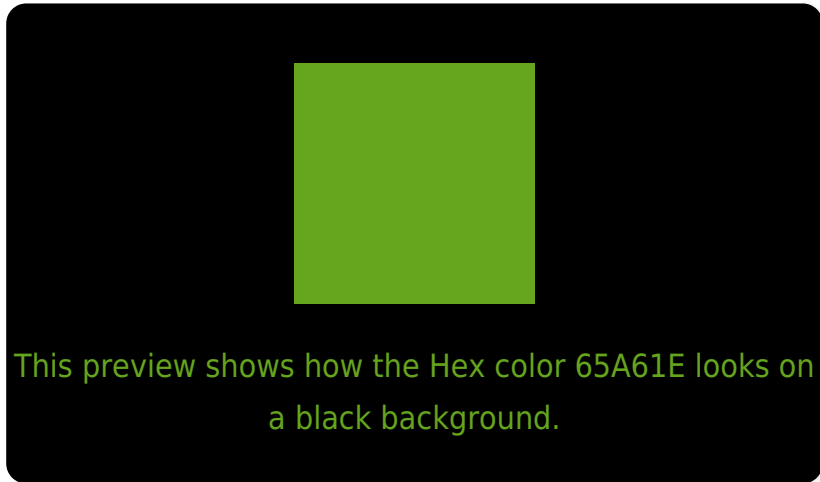
Large Text (above 18pt) WCAG AA × Fail

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 65A61E Background



This preview shows how black text looks on a background with the Hex color 65A61E.



This preview shows how white text looks on a background with the Hex color 65A61E.

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
65A61E

Protanopia
A79519

Deuteranopia
BA8D2B



Tritanopia
779BA7

Trichromacy



Original Color
65A61E

Protanomaly
8F9B1B

Deuteranomaly
9B9626

Tritanomaly
709F75

Monochromacy



Original Color
65A61E

Achromatopsia
838383

Achromatomaly
78905E

CSS Examples

Text

The CSS property to change the color of the text to Hex 65A61E 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 #65A61E looks like.

```
.text, #text, p{  
    color:#65A61E  
}
```

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 #65A61E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A61E
}
```

Border

The CSS property to change the border of an element to Hex 65A61E 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
#65A61E }
```

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

```
.border{ border-color:#65A61E }
```

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

Here you see how a box with a 4 pixel #65A61E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A61E; -webkit-box-shadow:4px 4px  
4px 4px #65A61E; box-shadow:4px 4px 4px  
4px #65A61E }
```

Background

The CSS property to change the background color of an element to Hex 65A61E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A61E }
```

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

```
.background{ background-color:#65A61E }
```

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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