

Converting Colors

Hex(6D841E)

Have a look what the booklet for
Hex(6D841E) contains.

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Color

Hex(6D841E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6D841E |
| RGB | 109, 132, 30 |
| RGB Percent | 43%, 52%, 12% |
| CMY | 0.5725, 0.4824, 0.8824 |
| CMYK | 0.17, 0.00, 0.77, 0.48 |
| HSL | 74°, 63%, 32% |
| HSV | 74°, 77%, 52% |
| XYZ | 14.7923, 19.8475, 4.2796 |
| YIQ | 113.4950, 19.0340, -36.5980 |

Conversions

Conversions Part 2

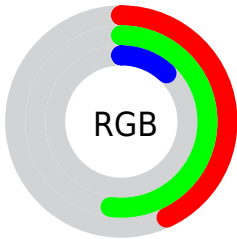
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 30, 132, 53 |
| Decimal | 7177246 |
| CIELab | 51.66, -22.71, 48.66 |
| CIELCh | 52, 53.700, 115.016 |
| Yxy | 19.8475, 0.3801, 0.5100 |
| Android (android.graphics.Color) | 4285367326 (0xFF6D841E) |
| YUV | 113.4950, -41.1630, -3.9421 |
| Hunter-Lab | 44.5505, -18.6953, 25.4898 |

Details

The Hex color **6D841E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **351E84**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A3B953**, and **3A5200** is the 20% darker color. If you saturate the color by 10%, you get **6A8411**, and if you desaturate by 10%, it is **70842B**.

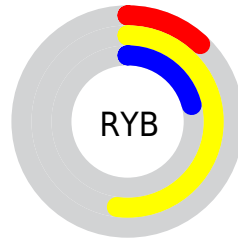
Distribution



Red (43%)

Green (52%)

Blue (12%)



Red (12%)

Yellow (52%)

Blue (21%)

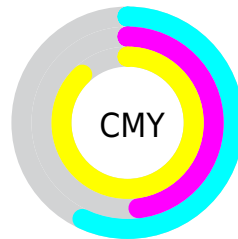


Cyan (17%)

Magenta (0%)

Yellow (77%)

Black (48%)



Cyan (57%)

Magenta (48%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D841E 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 6D841E by changing the saturation by 10% instead.



6D841E



6D841E

FFFFFF



536B00



A3B953



3A5200



BFD56D



203B00



DCF187



032500



F9FFA2



000B00



FFFFBE



000000



FFFFDA



FFFFF7



6D841E



6D841E

■ 6A8411

■ 70842B

■ 678404

■ 738438

■ 668400

■ 768446

■ 798453

■ 7C8460

■ 7F846D

■ 82847A

■ 858488

■ 888495

Harmonies

Analogous

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



997614



6D841E



2D8C44

Triad

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



6D841E



008DC6



C95085

Complementary

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



6D841E



351E84

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.



AB5EB0



6D841E



0083D7

Square

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



6D841E



0091A1



6D72CF



CD5357

Rectangle

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



6D841E



009062



6D72CF



C35394

Sweetspot

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



6D841E



A2AB84



84341E



51573E



D6D6D6



575757

Same Dimension

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



6D841E



87AB0C



3B841E



41423C



658200



020300

Inverse Universe

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



351E84



300CAB



671E84



3D3C42



1D0082



010003

Previews

White Background



This preview shows how the Hex color 6D841E looks on a white background.

Color Contrast Check

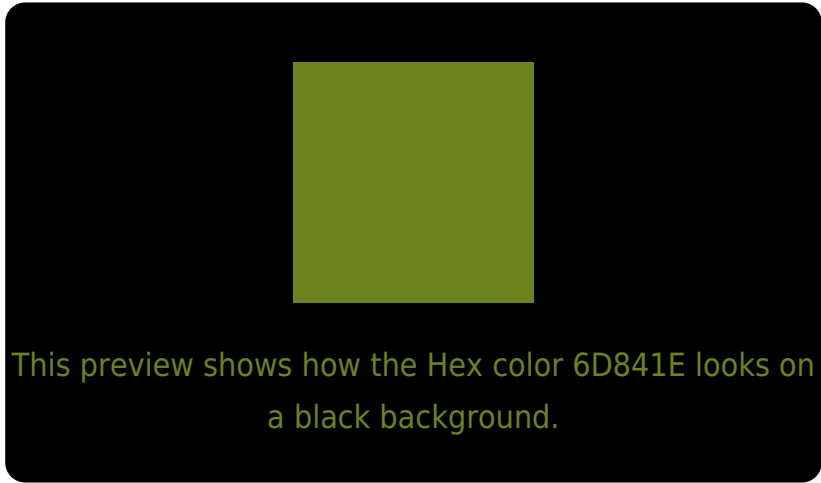
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 6D841E Background



This preview shows how black text looks on a background with the Hex color 6D841E.



This preview shows how white text looks on a background with the Hex color 6D841E.

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
6D841E

Protanopia
8A7B1C

Deuteranopia
9A7525



Tritanopia
777B85

Trichromacy



Original Color
6D841E

Protanomaly
7F7E1D

Deuteranomaly
8A7A22

Tritanomaly
737E60

Monochromacy



Original Color
6D841E

Achromatopsia
717171

Achromatomaly
707853

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D841E 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 #6D841E looks like.

```
.text, #text, p{  
    color:#6D841E  
}
```

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 #6D841E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D841E
}
```

Border

The CSS property to change the border of an element to Hex 6D841E 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
#6D841E }
```

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

```
.border{ border-color:#6D841E }
```

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

Here you see how a box with a 4 pixel #6D841E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D841E; -webkit-box-shadow:4px 4px  
4px 4px #6D841E; box-shadow:4px 4px 4px  
4px #6D841E }
```

Background

The CSS property to change the background color of an element to Hex 6D841E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D841E }
```

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

```
.background{ background-color:#6D841E }
```

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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