

Converting Colors

Hex(6A840D)

Have a look what the booklet for
Hex(6A840D) contains.

Hex(6A840D)	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(6A840D)

Conversions

Conversions Part 1

Format	Color
Hex	6A840D
RGB	106, 132, 13
RGB Percent	42%, 52%, 5%
CMY	0.5843, 0.4824, 0.9490
CMYK	0.20, 0.00, 0.90, 0.48
HSL	73°, 82%, 28%
HSV	73°, 90%, 52%
XYZ	14.2678, 19.5958, 3.4111
YIQ	110.6600, 22.7030, -42.5210

Conversions

Conversions Part 2

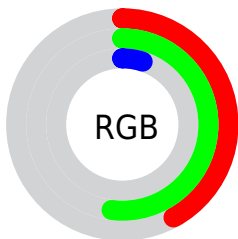
Format	Color
RYB	13, 132, 39
Decimal	6980621
CIELab	51.38, -24.69, 53.12
CIElCh	51, 58.575, 114.927
Yxy	19.5958, 0.3828, 0.5257
Android (android.graphics.Color)	4285170701 (0xFF6A840D)
YUV	110.6600, -48.1464, -4.0868
Hunter-Lab	44.2671, -19.9349, 26.4182

Details

The Hex color **6A840D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **270D84**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A1B948**, and **365200** is the 20% darker color. If you saturate the color by 10%, you get **678400**, and if you desaturate by 10%, it is **6D841A**.

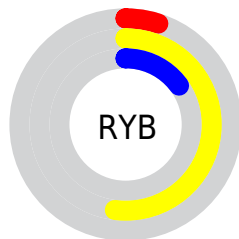
Distribution



Red (42%)

Green (52%)

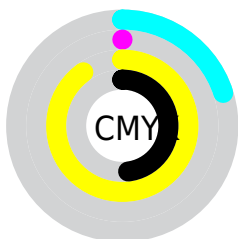
Blue (5%)



Red (5%)

Yellow (52%)

Blue (15%)

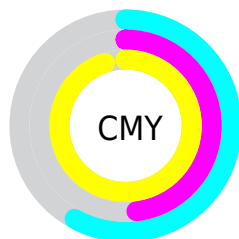


Cyan (20%)

Magenta (0%)

Yellow (90%)

Black (48%)



Cyan (58%)

Magenta (48%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A840D 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 6A840D by changing the saturation by 10% instead.



6A840D



6A840D

FFFFFF



506B00



A1B948



365200



BDD562



1B3B00



D9F17D



002500



F7FF98



000900



FFFFB4



000000



FFFFD0



FFFFED



6A840D



6A840D

■ 678400

■ 6D841A

■ 708427

■ 738435

■ 768442

■ 78844F

■ 7B845C

■ 7E8469

■ 818477

■ 848484

Harmonies

Analogous

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



9A7500



6A840D



1D8D3D

Triad

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



6A840D



008DCC



CF4885

Complementary

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



6A840D



270D84

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.



AE5AB5



6A840D



0083DF

Square

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



6A840D



0091A3



6971D6



D24C53

Rectangle

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



6A840D



00905F



6971D6



C74C96

Sweetspot

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



6A840D



A1AB7D



84270D



51573B



D6D6D6



575757

Same Dimension

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



6A840D



86AB00



2F840D



41423C



668200



020300

Inverse Universe

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



270D84



2500AB



620D84



3D3C42



1C0082



010003

Previews

White Background



This preview shows how the Hex color 6A840D looks on a white background.

Color Contrast Check

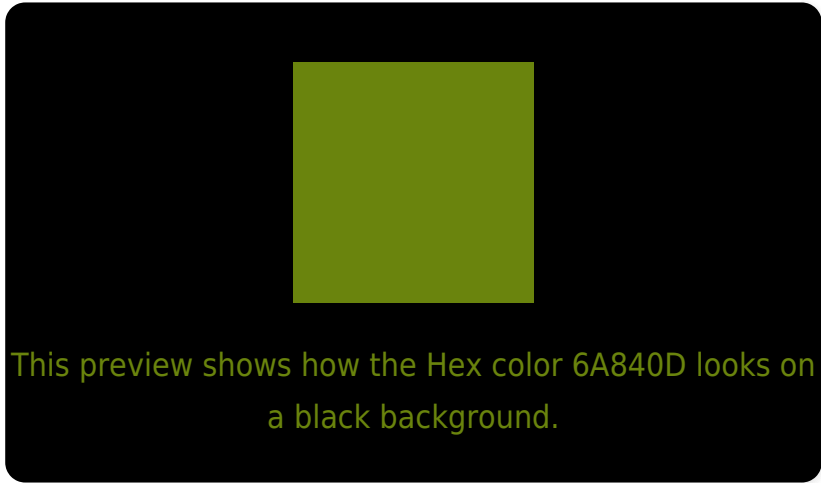
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A840D Background



This preview shows how black text looks on a background with the Hex color 6A840D.



This preview shows how white text looks on a background with the Hex color 6A840D.

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
6A840D

Protanopia
8A7B09

Deuteranopia
9A741A



Tritanopia
757B84

Trichromacy



Original Color
6A840D

Protanomaly
7E7E0A

Deuteranomaly
897A15

Tritanomaly
717E59

Monochromacy



Original Color
6A840D

Achromatopsia
6F6F6F

Achromatomaly
6D774B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A840D 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 #6A840D looks like.

```
.text, #text, p{  
    color:#6A840D  
}
```

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 #6A840D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A840D
}
```

Border

The CSS property to change the border of an element to Hex 6A840D 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
#6A840D }
```

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

```
.border{ border-color:#6A840D }
```

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

Here you see how a box with a 4 pixel #6A840D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A840D; -webkit-box-shadow:4px 4px  
4px 4px #6A840D; box-shadow:4px 4px 4px  
4px #6A840D }
```

Background

The CSS property to change the background color of an element to Hex 6A840D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A840D }
```

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

```
.background{ background-color:#6A840D }
```

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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