

Converting Colors

Hex(8A420E)

Have a look what the booklet for
Hex(8A420E) contains.

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Color

Hex(8A420E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8A420E |
| RGB | 138, 66, 14 |
| RGB Percent | 54%, 26%, 5% |
| CMY | 0.4588, 0.7412, 0.9451 |
| CMYK | 0.00, 0.52, 0.90, 0.46 |
| HSL | 25°, 82%, 30% |
| HSV | 25°, 90%, 54% |
| XYZ | 12.5087, 9.3314, 1.5573 |
| YIQ | 81.6000, 59.6040, -0.9080 |

Conversions

Conversions Part 2

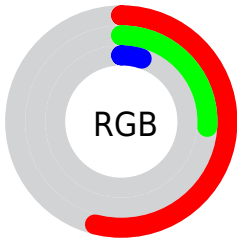
| Format | Color |
|-------------------------------------|--|
| RYB | 138, 104, 14 |
| Decimal | 9060878 |
| CIELab | 36.61, 27.54, 42.17 |
| CIElCh | 37, 50.364, 56.850 |
| Yxy | 9.3314, 0.5346, 0.3988 |
| Android (android.graphics.Color) | 4287250958 (0xFF8A420E) |
| YUV | 81.6000, -33.3268, 49.4628 |
| Hunter-Lab | 30.5474, 19.6354, 18.3605 |

Details

The Hex color **8A420E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0E568A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C5733F**, and **511300** is the 20% darker color. If you saturate the color by 10%, you get **8A3A00**, and if you desaturate by 10%, it is **8A4A1C**.

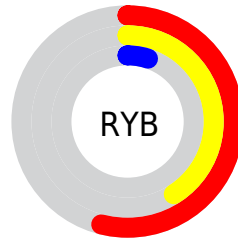
Distribution



Red (54%)

Green (26%)

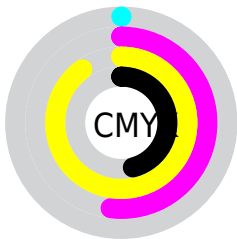
Blue (5%)



Red (54%)

Yellow (41%)

Blue (5%)

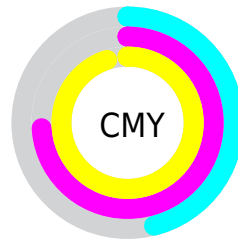


Cyan (0%)

Magenta (52%)

Yellow (90%)

Black (46%)



Cyan (46%)

Magenta (74%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A420E 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 8A420E by changing the saturation by 10% instead.

 8A420E

 8A420E

 FFFFF9

 6E2B00

 C5733F

 511300

 E38D57

 360000

 FFA870

 1A0001

 FFC38A

 000000

 FFE0A5

 FFFCC0

 FFFFDC

 8A420E

 8A420E

■ 8A3A00

■ 8A4A1C

■ 8A522A

■ 8A5A37

■ 8A6245

■ 8A6A53

■ 8A7261

■ 8A7A6F

■ 8A827C

■ 8A8A8A

Harmonies

Analogous

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



9B3034



8A420E



6C5300

Triad

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



8A420E



006850



4B4D9F

Complementary

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



8A420E



0E568A

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.



005CA8



8A420E



00687A

Square

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



8A420E



006527



00659A



823983

Rectangle

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



8A420E



535B00



00659A



2853A4

Sweetspot

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



8A420E



B39782



8A0E56



59493D



D9D9D9



595959

Same Dimension

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



8A420E



B34B00



8A800E



45413E



853800



050200

Inverse Universe

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



0E568A



0068B3



0E188A



3E4245



004D85



000305

Previews

White Background



This preview shows how the Hex color 8A420E looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

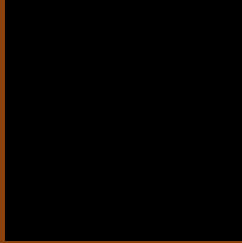
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8A420E Background



This preview shows how black text looks on a background with the Hex color 8A420E.



This preview shows how white text looks on a background with the Hex color 8A420E.

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
8A420E

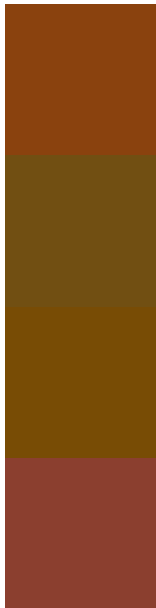
Protanopia
625714

Deuteranopia
6E5200



Tritanopia
8C3E42

Trichromacy



Original Color
8A420E

Protanomaly
714F12

Deuteranomaly
784C05

Tritanomaly
8B3F2F

Monochromacy



Original Color
8A420E

Achromatopsia
525252

Achromatomaly
664C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A420E 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 #8A420E looks like.

```
.text, #text, p{  
    color:#8A420E  
}
```

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 #8A420E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A420E
}
```

Border

The CSS property to change the border of an element to Hex 8A420E is called "border". The border property can be set on classes, ids or directly on the HTML element.

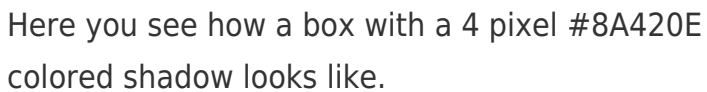
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A420E }
```

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

```
.border{ border-color:#8A420E }
```

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



Here you see how a box with a 4 pixel #8A420E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A420E; -webkit-box-shadow:4px 4px  
4px 4px #8A420E; box-shadow:4px 4px 4px  
4px #8A420E }
```

Background

The CSS property to change the background color of an element to Hex 8A420E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A420E }
```

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

```
.background{ background-color:#8A420E }
```

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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