

Converting Colors

Hex(86421A)

Have a look what the booklet for
Hex(86421A) contains.

Hex(86421A)	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(86421A)

Conversions

Conversions Part 1

Format	Color
Hex	86421A
RGB	134, 66, 26
RGB Percent	53%, 26%, 10%
CMY	0.4745, 0.7412, 0.8980
CMYK	0.00, 0.51, 0.81, 0.47
HSL	22°, 68%, 31%
HSV	22°, 81%, 53%
XYZ	11.9662, 9.0393, 2.0914
YIQ	81.7720, 53.3680, 1.9760

Conversions

Conversions Part 2

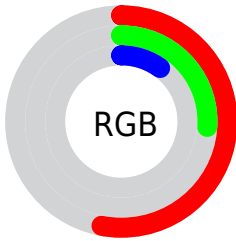
Format	Color
R_{YB}	134, 90, 26
Decimal	8798746
CIE _{Lab}	36.06, 26.20, 36.20
CIE _{LCh}	36, 44.684, 54.102
Yxy	9.0393, 0.5181, 0.3914
Android (android.graphics.Color)	4286988826 (0xFF86421A)
YUV	81.7720, -27.4956, 45.8040
Hunter-Lab	30.0655, 18.4291, 16.9216

Details

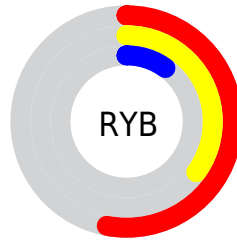
The Hex color **86421A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1A5E86**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **C07348**, and **4E1400** is the 20% darker color. If you saturate the color by 10%, you get **863A0D**, and if you desaturate by 10%, it is **864A27**.

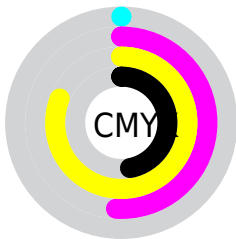
Distribution



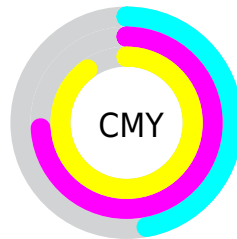
- Red (53%)
- Green (26%)
- Blue (10%)



- Red (53%)
- Yellow (35%)
- Blue (10%)



- Cyan (0%)
- Magenta (51%)
- Yellow (81%)
- Black (47%)



- Cyan (47%)
- Magenta (74%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86421A 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 86421A by changing the saturation by 10% instead.

 86421A

 86421A

FFFFFF

 6A2B02

 C07348

 4E1400

 DE8D61

 330000

 FCA87A

 150000

 FFC394

 000000

 FFDFAF

 FFFCCB

 FFFF7E

 86421A

 86421A

■ 863A0D

■ 864A27

■ 863200

■ 865335

■ 865B42

■ 866450

■ 866C5D

■ 86756A

■ 867D78

■ 868585

■ 868E93

Harmonies

Analogous

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



94343A



86421A



6C5100

Triad

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



86421A



00654C



464E97

Complementary

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



86421A



1A5E86

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.



005B9C



86421A



006571

Square

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



86421A



166228



00638E



793E7F

Rectangle

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



86421A



565800



00638E



29539B

Sweetspot

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



86421A



AD9384



861A5E



57473E



D6D6D6



575757

Same Dimension

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



86421A



AD4305



86781A



423E3C



823000



030100

Inverse Universe

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



1A5E86



056FAD



1A2886



3C4042



005282



000203

Previews

White Background



This preview shows how the Hex color 86421A looks on a white background.

Color Contrast Check

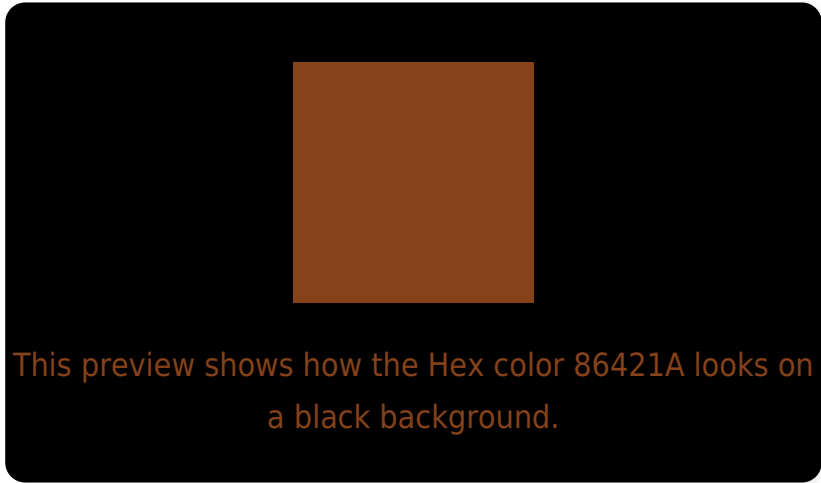
Large Text (above 18pt) WCAG AA ✓ Pass

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

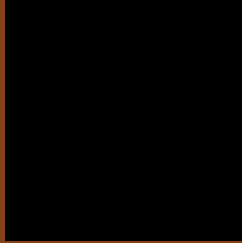
Any Text WCAG AA × Fail

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 86421A Background



This preview shows how black text looks on a background with the Hex color 86421A.



This preview shows how white text looks on a background with the Hex color 86421A.

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
86421A

Protanopia
60561F

Deuteranopia
6C5114



Tritanopia
883E42

Trichromacy



Original Color
86421A

Protanomaly
6E4F1D

Deuteranomaly
754C16

Tritanomaly
873F33

Monochromacy



Original Color
86421A

Achromatopsia
525252

Achromatomaly
654C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 86421A 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 #86421A looks like.

```
.text, #text, p{  
    color:#86421A  
}
```

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 #86421A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86421A
}
```

Border

The CSS property to change the border of an element to Hex 86421A is called "border". The border property can be set on classes, ids or directly on the HTML element.

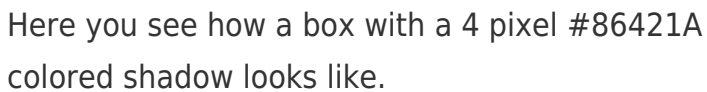
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86421A }
```

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

```
.border{ border-color:#86421A }
```

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



Here you see how a box with a 4 pixel #86421A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86421A; -webkit-box-shadow:4px 4px  
4px 4px #86421A; box-shadow:4px 4px 4px  
4px #86421A }
```

Background

The CSS property to change the background color of an element to Hex 86421A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86421A }
```

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

```
.background{ background-color:#86421A }
```

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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