

# Converting Colors

Hex(82410A)

Have a look what the booklet for  
Hex(82410A) contains.

<b>Hex(82410A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(82410A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82410A
RGB	130, 65, 10
RGB Percent	51%, 25%, 4%
CMY	0.4902, 0.7451, 0.9608
CMYK	0.00, 0.50, 0.92, 0.49
HSL	28°, 86%, 27%
HSV	28°, 92%, 51%
XYZ	11.1510, 8.5483, 1.3494
YIQ	78.1650, 56.3950, -3.3250

# Conversions

## Conversions Part 2

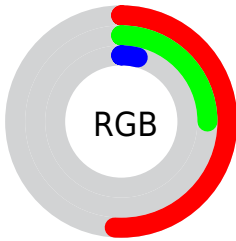
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 112, 10
Decimal	8536330
CIELab	35.10, 24.51, 41.82
CIElCh	35, 48.475, 59.621
Yxy	8.5483, 0.5298, 0.4061
Android (android.graphics.Color)	4286726410 (0xFF82410A)
YUV	78.1650, -33.6053, 45.4593
Hunter-Lab	29.2375, 16.9130, 17.7298

# Details

The Hex color **82410A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A4B82**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BC723B**, and **4A1400** is the 20% darker color. If you saturate the color by 10%, you get **823C00**, and if you desaturate by 10%, it is **824817**.

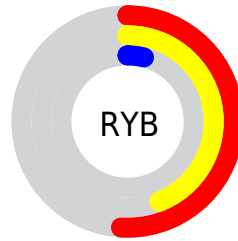
# Distribution



Red (51%)

Green (25%)

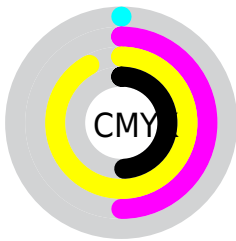
Blue (4%)



Red (51%)

Yellow (44%)

Blue (4%)

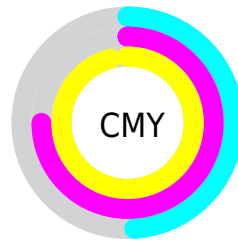


Cyan (0%)

Magenta (50%)

Yellow (92%)

Black (49%)



Cyan (49%)

Magenta (75%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82410A 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 82410A by changing the saturation by 10% instead.



 82410A

 82410A

 FFFFF5

 662A00

 BC723B

 4A1400

 DA8C54

 300000

 F8A66D

 090000

 FFC287

 000000

 FFDEA1

 FFFABD

 FFFFD9

 82410A

 82410A

■ 823C00

■ 824817

■ 824F24

■ 825631

■ 825D3E

■ 82644B

■ 826B58

■ 827265

■ 827972

■ 82807F

# Harmonies

## Analogous

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



942F2F



82410A



655100

# Triad

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



82410A



006451



4F4896

# Complementary

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



82410A



0A4B82

# 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.



0057A0



82410A



006478

# Square

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



82410A



006129



006095



80357A

# Rectangle

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



82410A



4C5800



006095



324E9C



# Sweetspot

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



82410A



A88F79



820A4C



544538



D4D4D4



545454



# Same Dimension

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



82410A



A84D00



827C0A



403C39



803A00



000000



# Inverse Universe

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



0A4B82



005BA8



0A1082



393D40



004580



000000



# Previews

## White Background



This preview shows how the Hex color 82410A 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

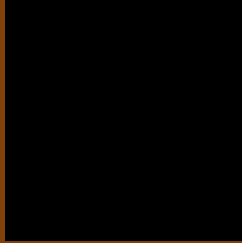
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 82410A Background



This preview shows how black text looks on a background with the Hex color 82410A.



This preview shows how white text looks on a background with the Hex color 82410A.

# 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**  
82410A

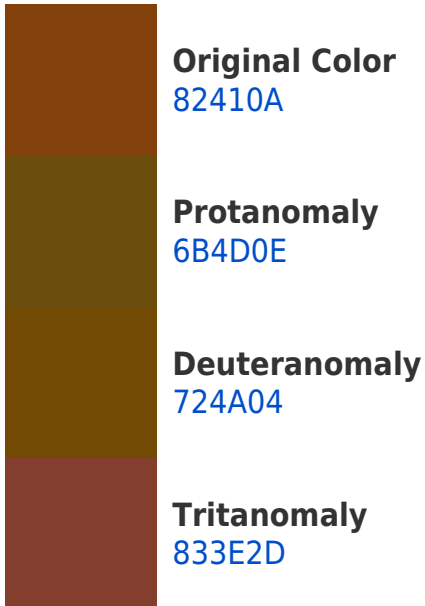
**Protanopia**  
5E5410

**Deuteranopia**  
694F00

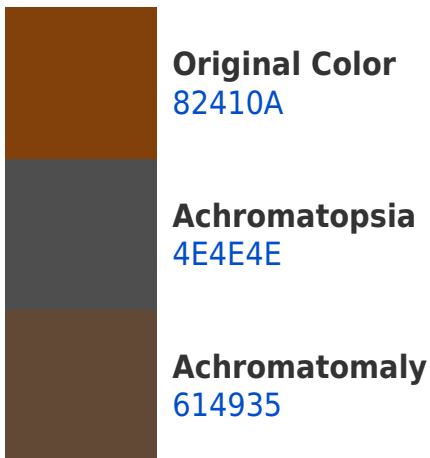


**Tritanopia**  
843D41

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82410A 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 #82410A looks like.

```
.text, #text, p{  
    color:#82410A  
}
```

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 #82410A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82410A
}
```

## Border

The CSS property to change the border of an element to Hex 82410A is called "border". The border property can be set on classes, ids or directly on the HTML element.

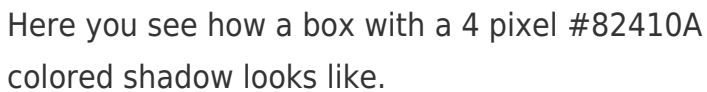
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82410A }
```

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

```
.border{ border-color:#82410A }
```

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



Here you see how a box with a 4 pixel #82410A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82410A; -webkit-box-shadow:4px 4px  
4px 4px #82410A; box-shadow:4px 4px 4px  
4px #82410A }
```

# Background

The CSS property to change the background color of an element to Hex 82410A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82410A }
```

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

```
.background{ background-color:#82410A }
```

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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