

Converting Colors

Hex(87210F)

Have a look what the booklet for
Hex(87210F) contains.

Hex(87210F)	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(87210F)

Conversions

Conversions Part 1

Format	Color
Hex	87210F
RGB	135, 33, 15
RGB Percent	53%, 13%, 6%
CMY	0.4706, 0.8706, 0.9412
CMYK	0.00, 0.76, 0.89, 0.47
HSL	9°, 80%, 29%
HSV	9°, 89%, 53%
XYZ	10.6218, 6.2731, 1.1029
YIQ	61.4460, 66.5700, 16.0260

Conversions

Conversions Part 2

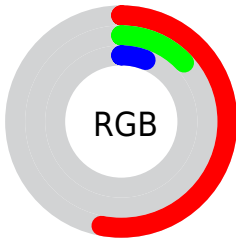
Format	Color
RYB	135, 36, 15
Decimal	8855823
CIELab	30.09, 42.17, 36.19
CIELCh	30, 55.570, 40.641
Yxy	6.2731, 0.5902, 0.3485
Android (android.graphics.Color)	4287045903 (0xFF87210F)
YUV	61.4460, -22.8979, 64.5069
Hunter-Lab	25.0462, 31.8688, 14.9214

Details

The Hex color **87210F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0F7587**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **C3553C**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **871602**, and if you desaturate by 10%, it is **872C1D**.

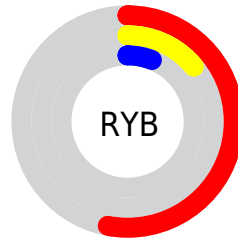
Distribution



Red (53%)

Green (13%)

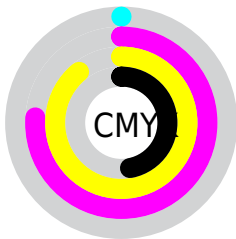
Blue (6%)



Red (53%)

Yellow (14%)

Blue (6%)

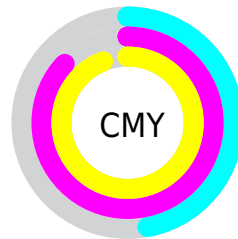


Cyan (0%)

Magenta (76%)

Yellow (89%)

Black (47%)



Cyan (47%)

Magenta (87%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87210F 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 87210F by changing the saturation by 10% instead.

 87210F

 87210F

 FFFFF3

 6A0000

 C3553C

 4D0000

 E27053

 340002

 FF8A6C

 000000

 FFA586

 FFC1A0

 FFDEBB

 FFFBD7

 87210F

 87210F

■ 871602

■ 872C1D

■ 871400

■ 87382A

■ 874338

■ 874F45

■ 875A53

■ 876660

■ 87716E

■ 877D7B

■ 878889

Harmonies

Analogous

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



91003A



87210F



6E3A00

Triad

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



87210F



005728



00489D

Complementary

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



87210F



0F7587

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.



005399



87210F



005956

Square

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



87210F



125300



00587F



593289

Rectangle

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



87210F



574600



00587F



004D9F

Sweetspot

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



87210F



B08880



870F75



59413D



D9D9D9



595959

Same Dimension

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



87210F



B01A00



875D0F



423D3C



821400



030000

Inverse Universe

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



0F7587



0096B0



0F3987



3C4142



006F82



000203

Previews

White Background



This preview shows how the Hex color 87210F 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 87210F Background



This preview shows how black text looks on a background with the Hex color 87210F.



This preview shows how white text looks on a background with the Hex color 87210F.

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
87210F

Protanopia
514918

Deuteranopia
5B4500



Tritanopia
871F20

Trichromacy



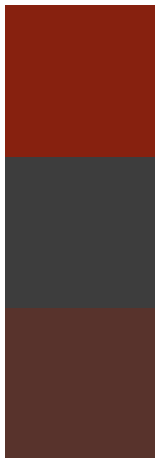
Original Color
87210F

Protanomaly
653A15

Deuteranomaly
6B3805

Tritanomaly
87201A

Monochromacy



Original Color
87210F

Achromatopsia
3D3D3D

Achromatomaly
58332C

CSS Examples

Text

The CSS property to change the color of the text to Hex 87210F 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 #87210F looks like.

```
.text, #text, p{  
    color:#87210F  
}
```

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 #87210F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87210F
}
```

Border

The CSS property to change the border of an element to Hex 87210F is called "border". The border property can be set on classes, ids or directly on the HTML element.

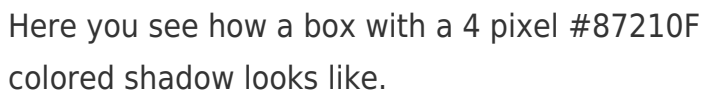
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87210F }
```

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

```
.border{ border-color:#87210F }
```

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



Here you see how a box with a 4 pixel #87210F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87210F; -webkit-box-shadow:4px 4px  
4px 4px #87210F; box-shadow:4px 4px 4px  
4px #87210F }
```

Background

The CSS property to change the background color of an element to Hex 87210F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87210F }
```

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

```
.background{ background-color:#87210F }
```

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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