

Converting Colors

Hex(851F12)

Have a look what the booklet for
Hex(851F12) contains.

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Color

Hex(851F12)

Conversions

Conversions Part 1

Format	Color
Hex	851F12
RGB	133, 31, 18
RGB Percent	52%, 12%, 7%
CMY	0.4784, 0.8784, 0.9294
CMYK	0.00, 0.77, 0.86, 0.48
HSL	7°, 76%, 30%
HSV	7°, 86%, 52%
XYZ	10.2720, 6.0102, 1.1910
YIQ	60.0160, 64.9650, 17.5810

Conversions

Conversions Part 2

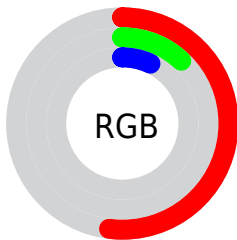
Format	Color
R_{YB}	133, 33, 18
Decimal	8724242
CIE Lab	29.44, 42.31, 33.95
CIE LCh	29, 54.244, 38.741
Yxy	6.0102, 0.5879, 0.3440
Android (android.graphics.Color)	4286914322 (0xFF851F12)
YUV	60.0160, -20.7139, 64.0070
Hunter-Lab	24.5157, 31.8887, 14.2807

Details

The Hex color **851F12** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **127885**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **C1543E**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **851305**, and if you desaturate by 10%, it is **852B1F**.

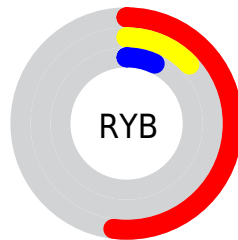
Distribution



Red (52%)

Green (12%)

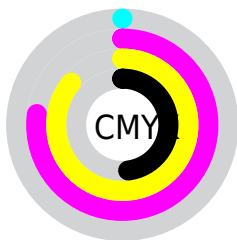
Blue (7%)



Red (52%)

Yellow (13%)

Blue (7%)

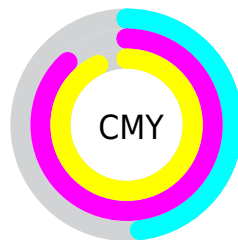


Cyan (0%)

Magenta (77%)

Yellow (86%)

Black (48%)



Cyan (48%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851F12 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 851F12 by changing the saturation by 10% instead.

 851F12

 851F12

 FFFFF6

 680000

 C1543E

 4B0000

 DF6E56

 320002

 FE886E

 000000

 FFA488

 FFBFA2

 FFDCBE

 FFF9DA

 851F12

 851F12

■ 851305

■ 852B1F

■ 850F00

■ 85372D

■ 85423A

■ 854E47

■ 855A54

■ 856662

■ 85726F

■ 857D7C

■ 85898A

Harmonies

Analogous

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



8D013B



851F12



6D3800

Triad

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



851F12



005525



00479A

Complementary

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



851F12



127885

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.



005294



851F12



005751

Square

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



851F12



185100



00567A



533388

Rectangle

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



851F12



574300



00567A



004C9B

Sweetspot

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



851F12



AD8580



85127A



573F3C



D6D6D6



575757

Same Dimension

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



851F12



AD1400



855712



423C3C



820F00



030000

Inverse Universe

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



127885



009AAD



124085



3C4242



007382



000203

Previews

White Background



This preview shows how the Hex color 851F12 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 851F12 Background



This preview shows how black text looks on a background with the Hex color 851F12.



This preview shows how white text looks on a background with the Hex color 851F12.

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
851F12

Protanopia
4F471C

Deuteranopia
5A4300

Trichromacy



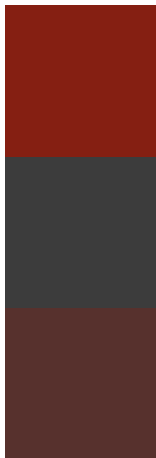
Original Color
851F12

Protanomaly
633818

Deuteranomaly
6A3607

Tritanomaly
851E1A

Monochromacy



Original Color
851F12

Achromatopsia
3C3C3C

Achromatomaly
57312D

CSS Examples

Text

The CSS property to change the color of the text to Hex 851F12 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 #851F12 looks like.

```
.text, #text, p{  
    color:#851F12  
}
```

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 #851F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851F12
}
```

Border

The CSS property to change the border of an element to Hex 851F12 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
#851F12 }
```

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

```
.border{ border-color:#851F12 }
```

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

Here you see how a box with a 4 pixel #851F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851F12; -webkit-box-shadow:4px 4px  
4px 4px #851F12; box-shadow:4px 4px 4px  
4px #851F12 }
```

Background

The CSS property to change the background color of an element to Hex 851F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851F12 }
```

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

```
.background{ background-color:#851F12 }
```

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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