

Converting Colors

Hex(85020C)

Have a look what the booklet for
Hex(85020C) contains.

Hex(85020C)	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>	28

Color

Hex(85020C)

Conversions

Conversions Part 1

Format	Color
Hex	85020C
RGB	133, 2, 12
RGB Percent	52%, 1%, 5%
CMY	0.4784, 0.9922, 0.9529
CMYK	0.00, 0.98, 0.91, 0.48
HSL	355°, 97%, 26%
HSV	355°, 98%, 52%
XYZ	9.7609, 5.0565, 0.8094
YIQ	42.3090, 74.8660, 30.8820

Conversions

Conversions Part 2

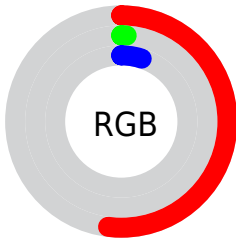
Format	Color
R_{YB}	133, 2, 12
Decimal	8716812
CIE _{Lab}	26.90, 49.25, 34.79
CIE _{LCh}	27, 60.304, 35.238
Yxy	5.0565, 0.6246, 0.3236
Android (android.graphics.Color)	4286906892 (0xFF85020C)
YUV	42.3090, -14.9423, 79.5360
Hunter-Lab	22.4867, 38.1309, 13.6066

Details

The Hex color **85020C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **02857B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **C24537**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **85000A**, and if you desaturate by 10%, it is **850F18**.

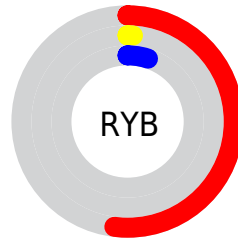
Distribution



Red (52%)

Green (1%)

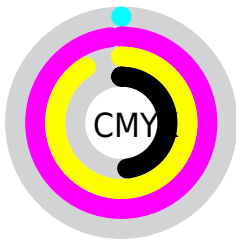
Blue (5%)



Red (52%)

Yellow (1%)

Blue (5%)

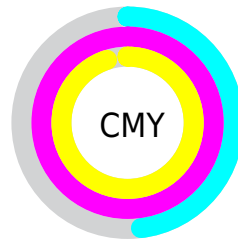


Cyan (0%)

Magenta (98%)

Yellow (91%)

Black (48%)



Cyan (48%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85020C 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 85020C by changing the saturation by 10% instead.

 85020C

 85020C

 FFFFEE

 670000

 C24537

 4A0000

 E1604F

 2F0002

 FF7B67

 000000

 FF9680

 FFB29B

 FFCEB5

 FFEBD1

 85020C

 85020C

85000A

850F18

851D25

852A31

85373D

854549

855256

855F62

856C6E

857A7B

Harmonies

Analogous

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



8C003A



85020C



6C2D00

Triad

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



85020C



005014



00449D

Complementary

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



85020C



02857B

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.



004E94



85020C



005247

Square

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



85020C



114B00



005274



432E8C

Rectangle

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



85020C



553B00



005274



00489D

Sweetspot

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



85020C



AD797D



7A0285



57373A



D6D6D6



575757

Same Dimension

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



85020C



AD000D



853902



423C3C



82000A



030000

Inverse Universe

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



85020C



AD000D



024E85



423C3C



82000A



030000

Previews

White Background



This preview shows how the Hex color 85020C 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 85020C Background



This preview shows how black text looks on a background with the Hex color 85020C.



This preview shows how white text looks on a background with the Hex color 85020C.

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
85020C

Protanopia
4B4318

Deuteranopia
554000

Trichromacy



Original Color
85020C

Protanomaly
602B14

Deuteranomaly
662904

Monochromacy



Original Color
85020C

Achromatopsia
2A2A2A

Achromatomaly
4B1B1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 85020C 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 #85020C looks like.

```
.text, #text, p{  
    color:#85020C  
}
```

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 #85020C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85020C
}
```

Border

The CSS property to change the border of an element to Hex 85020C is called "border". The border property can be set on classes, ids or directly on the HTML element.

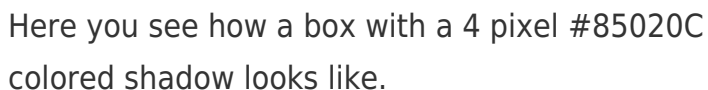
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85020C }
```

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

```
.border{ border-color:#85020C }
```

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



Here you see how a box with a 4 pixel #85020C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85020C; -webkit-box-shadow:4px 4px  
4px 4px #85020C; box-shadow:4px 4px 4px  
4px #85020C }
```

Background

The CSS property to change the background color of an element to Hex 85020C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85020C }
```

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

```
.background{ background-color:#85020C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor