

Converting Colors

Hex(86330F)

Have a look what the booklet for
Hex(86330F) contains.

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Color

Hex(86330F)

Conversions

Conversions Part 1

Format	Color
Hex	86330F
RGB	134, 51, 15
RGB Percent	53%, 20%, 6%
CMY	0.4745, 0.8000, 0.9412
CMYK	0.00, 0.62, 0.89, 0.47
HSL	18°, 80%, 29%
HSV	18°, 89%, 53%
XYZ	11.1016, 7.4705, 1.3088
YIQ	71.7130, 61.0240, 6.4000

Conversions

Conversions Part 2

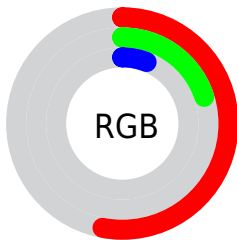
Format	Color
R_{YB}	134, 67, 15
Decimal	8794895
CIE Lab	32.85, 33.83, 38.42
CIE LCh	33, 51.190, 48.635
Yxy	7.4705, 0.5584, 0.3758
Android (android.graphics.Color)	4286984975 (0xFF86330F)
YUV	71.7130, -27.9595, 54.6257
Hunter-Lab	27.3322, 24.6704, 16.2935

Details

The Hex color **86330F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0F6286**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C1653D**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **862A02**, and if you desaturate by 10%, it is **863C1C**.

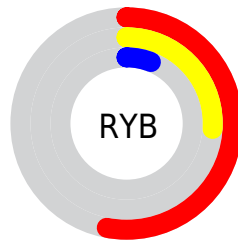
Distribution



Red (53%)

Green (20%)

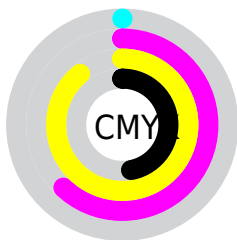
Blue (6%)



Red (53%)

Yellow (26%)

Blue (6%)

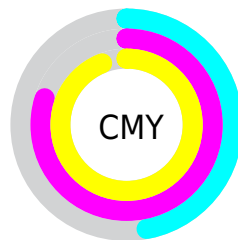


Cyan (0%)

Magenta (62%)

Yellow (89%)

Black (47%)



Cyan (47%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86330F 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 86330F by changing the saturation by 10% instead.

 86330F

 86330F

 FFFFF6

 6A1A00


 C1653D

 4D0000

 DF7E55

 330000

 FE996E

 080000

 FFB488

 000000

 FFD0A2

 FFEDBE

 FFFFDA

 86330F

 86330F

■ 862A02

■ 863C1C

■ 862900

■ 86462A

■ 864F37

■ 865845

■ 866252

■ 866B5F

■ 86746D

■ 867E7A

■ 868788

Harmonies

Analogous

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



931F36



86330F



6B4600

Triad

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



86330F



005E3C



20499B

Complementary

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



86330F



0F6286

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.



00579D



86330F



005F66

Square

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



86330F



075A10



005D8A



6D3583

Rectangle

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



86330F



544F00



005D8A



004F9E

Sweetspot

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



86330F



AD8D7F



860F62



57433B



D6D6D6



575757

Same Dimension

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



86330F



AD3400



866E0F



423E3C



822700



030100

Inverse Universe

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



0F6286



0079AD



0F2786



3C4042



005B82



000203

Previews

White Background



This preview shows how the Hex color 86330F looks on a white background.

Color Contrast Check

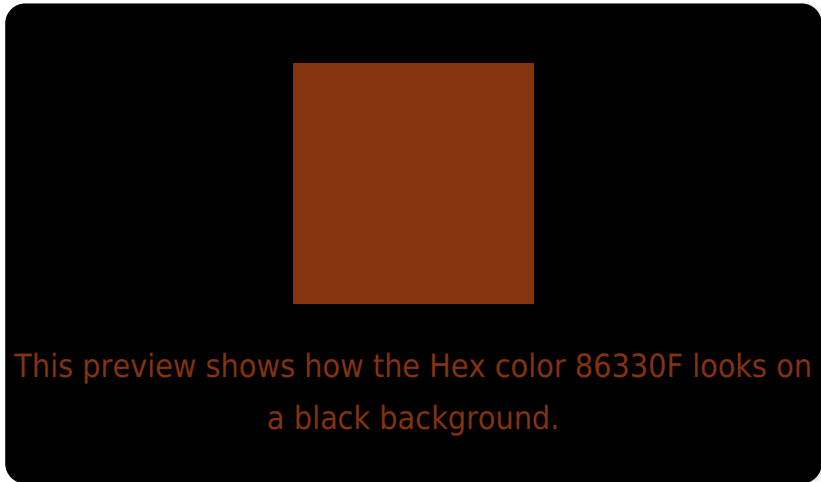
Large Text (above 18pt) WCAG AA ✓ Pass

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 86330F Background



This preview shows how black text looks on a background with the Hex color 86330F.



This preview shows how white text looks on a background with the Hex color 86330F.

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
86330F

Protanopia
584E16

Tritanopia
873032

Trichromacy



Original Color
86330F

Protanomaly
694413

Tritanomaly
873125

Monochromacy



Original Color
86330F

Achromatopsia
484848

Achromatomaly
5F4033

CSS Examples

Text

The CSS property to change the color of the text to Hex 86330F 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 #86330F looks like.

```
.text, #text, p{  
    color:#86330F  
}
```

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 #86330F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86330F
}
```

Border

The CSS property to change the border of an element to Hex 86330F is called "border". The border property can be set on classes, ids or directly on the HTML element.

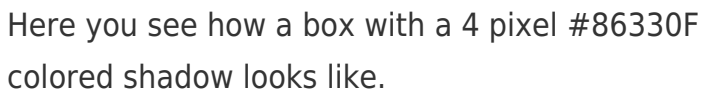
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86330F }
```

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

```
.border{ border-color:#86330F }
```

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



Here you see how a box with a 4 pixel #86330F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86330F; -webkit-box-shadow:4px 4px  
4px 4px #86330F; box-shadow:4px 4px 4px  
4px #86330F }
```

Background

The CSS property to change the background color of an element to Hex 86330F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86330F }
```

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

```
.background{ background-color:#86330F }
```

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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