

Converting Colors

Hex(86860D)

Have a look what the booklet for
Hex(86860D) contains.

Hex(86860D)	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(86860D)

Conversions

Conversions Part 1

Format	Color
Hex	86860D
RGB	134, 134, 13
RGB Percent	53%, 53%, 5%
CMY	0.4745, 0.4745, 0.9490
CMYK	0.00, 0.00, 0.90, 0.47
HSL	60°, 82%, 29%
HSV	60°, 90%, 53%
XYZ	18.4293, 22.1476, 3.6844
YIQ	120.2060, 38.8410, -37.6310

Conversions

Conversions Part 2

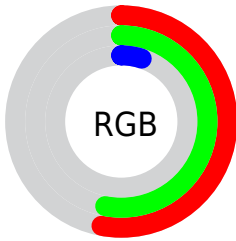
Format	Color
RYB	13, 134, 13
Decimal	8816141
CIELab	54.18, -13.12, 56.32
CIElCh	54, 57.824, 103.112
Yxy	22.1476, 0.4164, 0.5004
Android (android.graphics.Color)	4287006221 (0xFF86860D)
YUV	120.2060, -52.8526, 12.0973
Hunter-Lab	47.0612, -12.4562, 28.3011

Details

The Hex color **86860D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **0D0D86**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BEBB49**, and **515500** is the 20% darker color. If you saturate the color by 10%, you get **868600**, and if you desaturate by 10%, it is **86861A**.

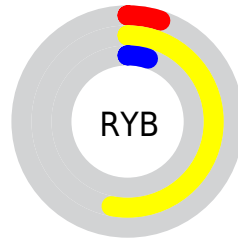
Distribution



Red (53%)

Green (53%)

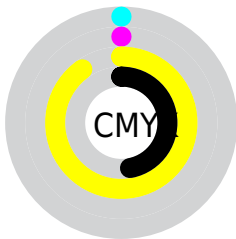
Blue (5%)



Red (5%)

Yellow (53%)

Blue (5%)

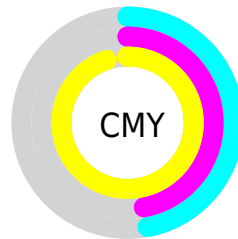


Cyan (0%)

Magenta (0%)

Yellow (90%)

Black (47%)



Cyan (47%)

Magenta (47%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86860D 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 86860D by changing the saturation by 10% instead.



86860D



86860D

FFFFFF



6B6D00



BEBB49



515500



DBD764



363E00



F9F37E



1D2800



FFFF9A



001500



FFFFB6



000000



FFFFD2



FFFFEF



86860D



86860D

■ 868600

■ 86861A

■ 868628

■ 868635

■ 868643

■ 868650

■ 86865D

■ 86866B

■ 868678

■ 868686

Harmonies

Analogous

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



B27518



86860D



4D9133

Triad

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



86860D



0097C5



CD56A0

Complementary

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



86860D



0D0D86

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.



A06ACB



86860D



008FE1

Square

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



86860D



009997



4380E3



DC516E

Rectangle

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



86860D



009652



4380E3



C25CB0

Sweetspot

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



86860D



ADAD7F



860D0D



57573B



D6D6D6



575757

Same Dimension

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



86860D



ADAD00



4A860D



42423C



828200



030300

Inverse Universe

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



0D0D86



0000AD



4A0D86



3C3C42



000082



000003

Previews

White Background



This preview shows how the Hex color 86860D looks on a white background.

Color Contrast Check

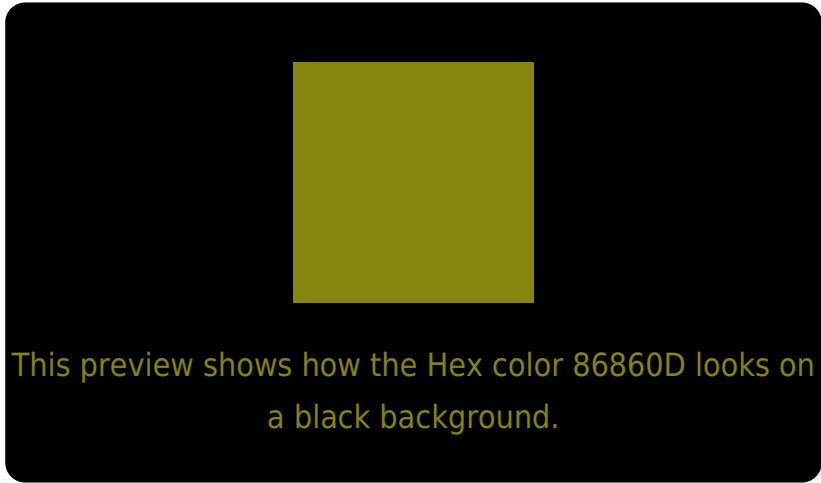
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 86860D Background



This preview shows how black text looks on a background with the Hex color 86860D.



This preview shows how white text looks on a background with the Hex color 86860D.

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
86860D

Protanopia
92820B

Deuteranopia
A37B17



Tritanopia
8F7D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86860D 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 #86860D looks like.

```
.text, #text, p{  
    color:#86860D  
}
```

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 #86860D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86860D
}
```

Border

The CSS property to change the border of an element to Hex 86860D 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
#86860D }
```

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

```
.border{ border-color:#86860D }
```

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

Here you see how a box with a 4 pixel #86860D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86860D; -webkit-box-shadow:4px 4px  
4px 4px #86860D; box-shadow:4px 4px 4px  
4px #86860D }
```

Background

The CSS property to change the background color of an element to Hex 86860D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86860D }
```

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

```
.background{ background-color:#86860D }
```

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