

Converting Colors

Hex(BEAF0E)

Have a look what the booklet for
Hex(BEAF0E) contains.

Hex(BEAF0E)	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(BEAF0E)

Conversions

Conversions Part 1

Format	Color
Hex	BEAF0E
RGB	190, 175, 14
RGB Percent	75%, 69%, 5%
CMY	0.2549, 0.3137, 0.9451
CMYK	0.00, 0.08, 0.93, 0.25
HSL	55°, 86%, 40%
HSV	55°, 93%, 75%
XYZ	36.6444, 41.6388, 6.5212
YIQ	161.1310, 60.6210, -46.8910

Conversions

Conversions Part 2

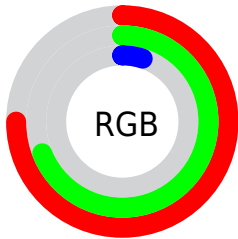
Format	Color
RYB	30, 190, 14
Decimal	12496654
CIELab	70.62, -9.46, 71.10
CIELCh	71, 71.723, 97.577
Yxy	41.6388, 0.4321, 0.4910
Android (android.graphics.Color)	4290686734 (0xFFBEAF0E)
YUV	161.1310, -72.5356, 25.3181
Hunter-Lab	64.5281, -11.5571, 39.1779

Details

The Hex color **BEAF0E** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0E1DBE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FAE653**, and **847B00** is the 20% darker color. If you saturate the color by 10%, you get **BEAE00**, and if you desaturate by 10%, it is **BEB121**.

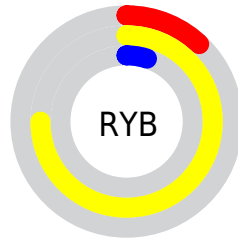
Distribution



Red (75%)

Green (69%)

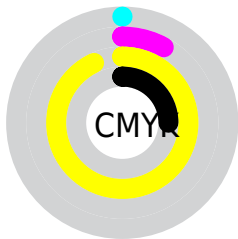
Blue (5%)



Red (12%)

Yellow (75%)

Blue (5%)

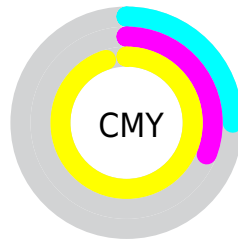


Cyan (0%)

Magenta (8%)

Yellow (93%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEAF0E 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 BEAF0E by changing the saturation by 10% instead.

 BEAF0E

 BEAF0E

FFFFFF

 A19500

 FAE653

 847B00

 FFFF6F

 686200

 FFFF8B

 4D4B00

 FFFFA8

 323400

 FFFFC4

 1A2000

 FFFF E1

 000400

 000000

 BEAF0E

 BEAF0E

■ BEAE00

■ BEB121

■ BEB234

■ BEB447

■ BEB55A

■ BEB76D

■ BEB980

■ BEBA93

■ BEBCA6

■ BEBEB9

Harmonies

Analogous

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



F4972C



BEAF0E



78BF3B

Triad

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



BEAFOE



00CAFB



FF77E0

Complementary

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



BEAFOE



0E1DBE

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.



C494FF



BEAFOE



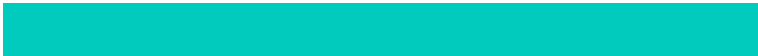
00C1FF

Square

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



BEAFOE



00CBBC



21AFFF



FF6C9F

Rectangle

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



BEAF0E



29C663



21AFFF



F680F4

Sweetspot

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



BEAF0E



F7F1B2



BE0E20



7D7952



FCFCFC



7D7D7D

Same Dimension

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



BEAF0E



F7E200



78BE0E



5E5E55



9E9100



1F1C00

Inverse Universe

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



0E1DBE



0015F7



540EBE



55565E



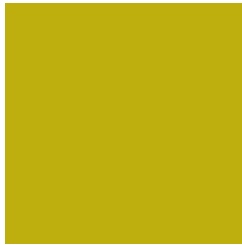
000D9E



00031F

Previews

White Background



This preview shows how the Hex color BEAF0E looks on a white background.

Color Contrast Check

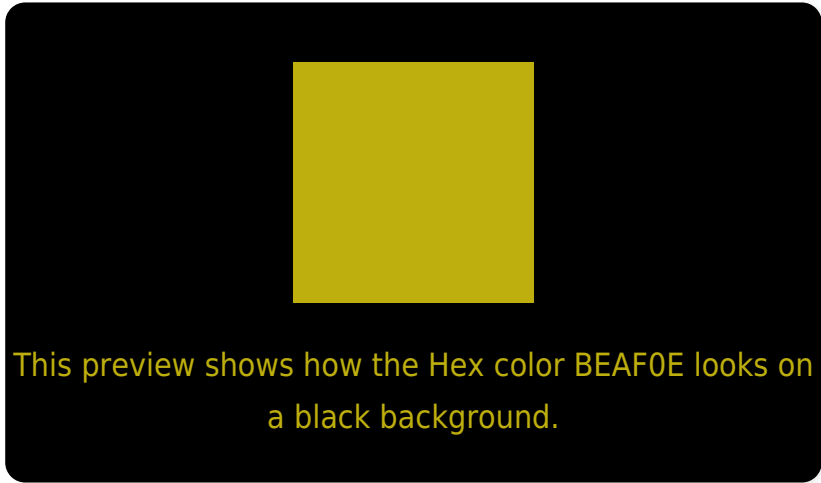
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex BEAF0E Background



This preview shows how black text looks on a background with the Hex color BEAF0E.

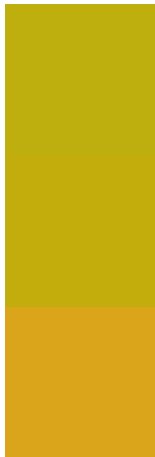


This preview shows how white text looks on a background with the Hex color BEAF0E.

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
BEAF0E

Protanopia
C3AD0D

Deuteranopia
DAA41B



Tritanopia
C9A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEAF0E 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 #BEAF0E looks like.

```
.text, #text, p{  
    color:#BEAF0E  
}
```

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 #BEAF0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEAF0E
}
```

Border

The CSS property to change the border of an element to Hex BEAF0E 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
#BEAF0E }
```

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

```
.border{ border-color:#BEAF0E }
```

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

Here you see how a box with a 4 pixel #BEAF0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEAF0E; -webkit-box-shadow:4px 4px  
4px 4px #BEAF0E; box-shadow:4px 4px 4px  
4px #BEAF0E }
```

Background

The CSS property to change the background color of an element to Hex BEAF0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEAF0E }
```

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

```
.background{ background-color:#BEAF0E }
```

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