

Converting Colors

Hex(E8B800)

Have a look what the booklet for
Hex(E8B800) contains.

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Color

Hex(E8B800)

Conversions

Conversions Part 1

Format	Color
Hex	E8B800
RGB	232, 184, 0
RGB Percent	91%, 72%, 0%
CMY	0.0902, 0.2784, 1.0000
CMYK	0.00, 0.21, 1.00, 0.09
HSL	48°, 100%, 45%
HSV	48°, 100%, 91%
XYZ	50.4192, 51.4368, 7.2709
YIQ	177.3760, 87.6720, -47.0480

Conversions

Conversions Part 2

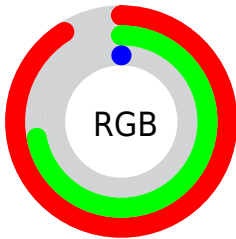
Format	Color
RYB	61, 232, 0
Decimal	15251456
CIELab	76.94, 4.14, 79.11
CIELCh	77, 79.213, 87.007
Yxy	51.4368, 0.4620, 0.4713
Android (android.graphics.Color)	4293441536 (0xFFE8B800)
YUV	177.3760, -87.4464, 47.9052
Hunter-Lab	71.7194, -0.0224, 44.1928

Details

The Hex color **E8B800** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **0030E8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFF052**, and **AB8300** is the 20% darker color. If you saturate the color by 10%, you get **E8B800**, and if you desaturate by 10%, it is **E8BD17**.

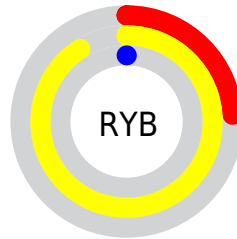
Distribution



Red (91%)

Green (72%)

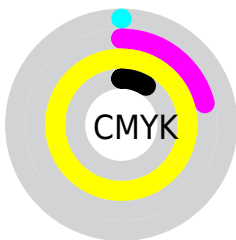
Blue (0%)



Red (24%)

Yellow (91%)

Blue (0%)

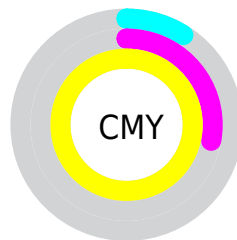


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8B800 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 E8B800 by changing the saturation by 10% instead.

 E8B800

 E8B800

FFFFFF

 C99D00

 FFF052

 AB8300

 FFFF6F

 8E6B00

 FFFF8C

 705300


 FFFFA8

 543C00

 FFFFC5

 3A2700

 FFFF E3

 211300

 000000

 E8B800

 E8BD17

 E8C22E

 E8C646

 E8CB5D

 E8D074

 E8D58B

 E8DAA2

 E8DEBA

 E8E3D1

Harmonies

Analogous

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



FF9B40



E8B800



A1CD26

Triad

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



E8B800



00E0FF



FF8CFF

Complementary

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



E8B800



0030E8

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.



AEAEEF



E8B800



00D9FF

Square

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



E8B800



00DFB4



00C9FF



FF75C9

Rectangle

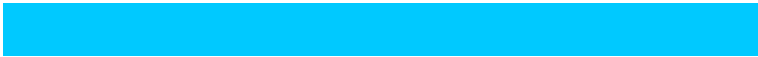
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8B800



61D652



00C9FF



F697FF

Sweetspot

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



E8B800



FFEFB3



E80032



807652



000000



808080

Same Dimension

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



E8B800



FFCA00



A6E800



737067



B38E00



332800

Inverse Universe

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



0030E8



0035FF



4200E8



676A73



0025B3



000B33

Previews

White Background



This preview shows how the Hex color E8B800 looks on a white background.

Color Contrast Check

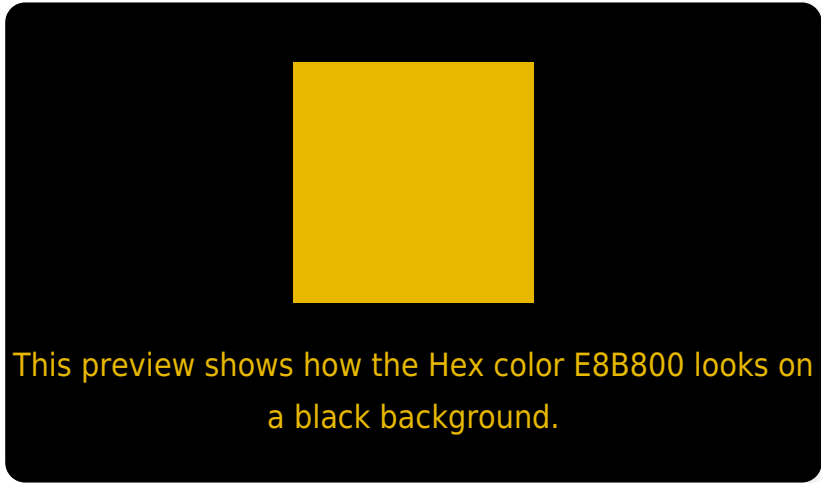
Large Text (above 18pt) WCAG AA × Fail

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 E8B800 Background



This preview shows how black text looks on a background with the Hex color E8B800.



This preview shows how white text looks on a background with the Hex color E8B800.

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
E8B800

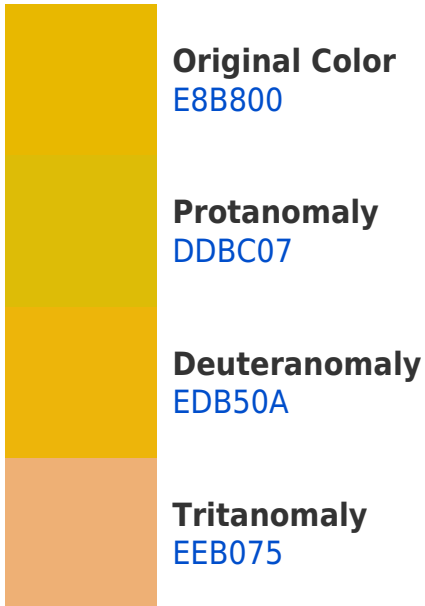
Protanopia
D7BF0B

Deuteranopia
F0B40F



Tritanopia
F1ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E8B800 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 #E8B800 looks like.

```
.text, #text, p{  
    color:#E8B800  
}
```

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 #E8B800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8B800
}
```

Border

The CSS property to change the border of an element to Hex E8B800 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
#E8B800 }
```

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

```
.border{ border-color:#E8B800 }
```

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

Here you see how a box with a 4 pixel #E8B800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8B800; -webkit-box-shadow:4px 4px  
4px 4px #E8B800; box-shadow:4px 4px 4px  
4px #E8B800 }
```

Background

The CSS property to change the background color of an element to Hex E8B800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8B800 }
```

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

```
.background{ background-color:#E8B800 }
```

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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