

Converting Colors

Hex(B84E10)

Have a look what the booklet for
Hex(B84E10) contains.

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Color

Hex(B84E10)

Conversions

Conversions Part 1

Format	Color
Hex	B84E10
RGB	184, 78, 16
RGB Percent	72%, 31%, 6%
CMY	0.2784, 0.6941, 0.9373
CMYK	0.00, 0.58, 0.91, 0.28
HSL	22°, 84%, 39%
HSV	22°, 91%, 72%
XYZ	22.5851, 15.6765, 2.3257
YIQ	102.6260, 83.0780, 3.1900

Conversions

Conversions Part 2

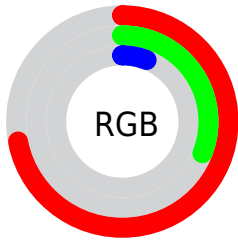
Format	Color
RYB	184, 114, 16
Decimal	12078608
CIELab	46.55, 40.09, 52.35
CIElCh	47, 65.938, 52.552
Yxy	15.6765, 0.5565, 0.3862
Android (android.graphics.Color)	4290268688 (0xFFB84E10)
YUV	102.6260, -42.7066, 71.3650
Hunter-Lab	39.5936, 32.5316, 24.2328

Details

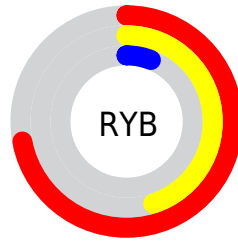
The Hex color **B84E10** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **107AB8**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F68244**, and **7B1A00** is the 20% darker color. If you saturate the color by 10%, you get **B84400**, and if you desaturate by 10%, it is **B85A22**.

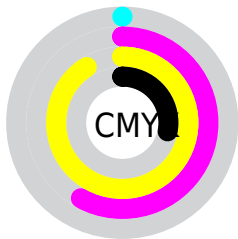
Distribution



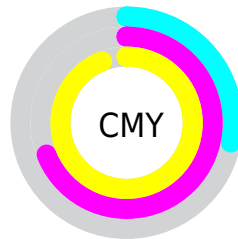
- Red (72%)
- Green (31%)
- Blue (6%)



- Red (72%)
- Yellow (45%)
- Blue (6%)



- Cyan (0%)
- Magenta (58%)
- Yellow (91%)
- Black (28%)



- Cyan (28%)
- Magenta (69%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color B84E10 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 B84E10 by changing the saturation by 10% instead.

 B84E10

 B84E10

FFFFFF

 993500

 F68244

 7B1A00

 FF9D5D

 5D0000

 FFB877

 410000

 FFD591

 270001

 FFF1AC

 000000

 FFFFC8

 FFFF E5

 B84E10

 B84E10

 B84400

 B85A22

 B86535

 B87147

 B87C5A

 B8886C

 B8947E

 B89F91

 B8ABA3

 B8B6B6

Harmonies

Analogous

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



CD3148



B84E10



916700

Triad

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



B84E10



00865E



4866D6

Complementary

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



B84E10



107AB8

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.



0079DD



B84E10



008797

Square

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



B84E10



008123



0083C6



A249B2

Rectangle

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



B84E10



707300



0083C6



006DDC

Sweetspot

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



B84E10



F0C7AF



B8107A



786051



F7F7F7



787878

Same Dimension

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



B84E10



F05800



B8A210



5C5653



9C3900



1C0A00

Inverse Universe

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



107AB8



0097F0



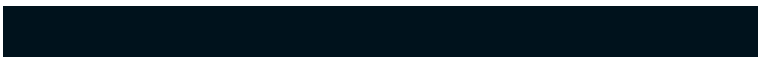
1026B8



53585C



00629C



00121C

Previews

White Background



This preview shows how the Hex color B84E10 looks on a white background.

Color Contrast Check

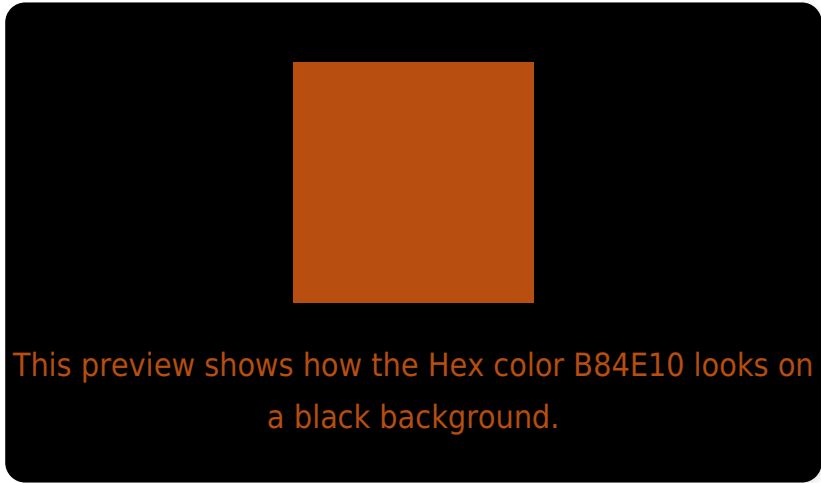
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex B84E10 Background



This preview shows how black text looks on a background with the Hex color B84E10.



This preview shows how white text looks on a background with the Hex color B84E10.

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
B84E10

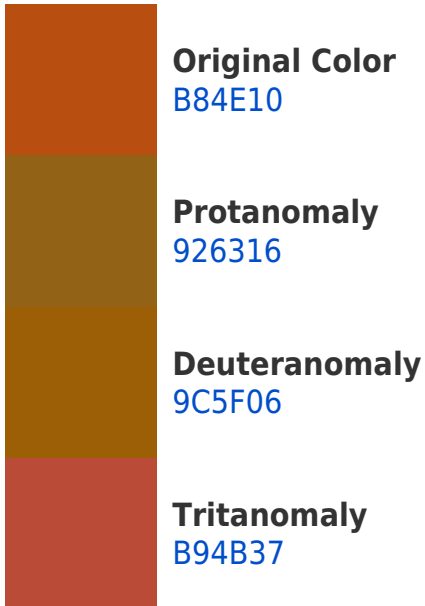
Protanopia
7D6F19

Deuteranopia
8C6900

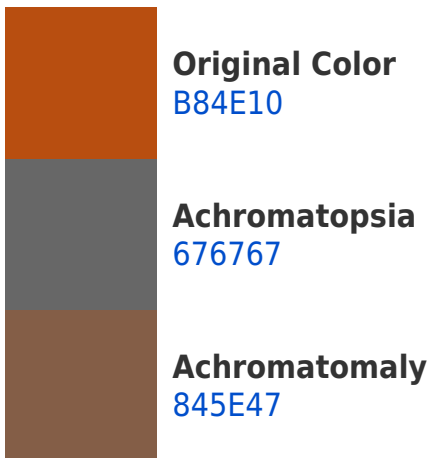


Tritanopia
BA494D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B84E10 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 #B84E10 looks like.

```
.text, #text, p{  
    color:#B84E10  
}
```

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 #B84E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B84E10
}
```

Border

The CSS property to change the border of an element to Hex B84E10 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
#B84E10 }
```

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

```
.border{ border-color:#B84E10 }
```

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

Here you see how a box with a 4 pixel #B84E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B84E10; -webkit-box-shadow:4px 4px  
4px 4px #B84E10; box-shadow:4px 4px 4px  
4px #B84E10 }
```

Background

The CSS property to change the background color of an element to Hex B84E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B84E10 }
```

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

```
.background{ background-color:#B84E10 }
```

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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