

Converting Colors

Hex(B86D14)

Have a look what the booklet for
Hex(B86D14) contains.

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Color

Hex(B86D14)

Conversions

Conversions Part 1

Format	Color
Hex	B86D14
RGB	184, 109, 20
RGB Percent	72%, 43%, 8%
CMY	0.2784, 0.5725, 0.9216
CMYK	0.00, 0.41, 0.89, 0.28
HSL	33°, 80%, 40%
HSV	33°, 89%, 72%
XYZ	25.3621, 21.1781, 3.4129
YIQ	121.2790, 73.2690, -11.7790

Conversions

Conversions Part 2

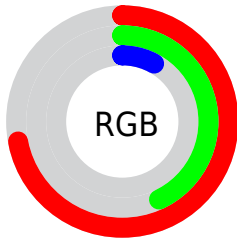
Format	Color
R_{YB}	158, 184, 20
Decimal	12086548
CIE _{Lab}	53.14, 23.86, 56.15
CIE _{LCh}	53, 61.015, 66.976
Yxy	21.1781, 0.5077, 0.4240
Android (android.graphics.Color)	4290276628 (0xFFB86D14)
YUV	121.2790, -49.9305, 55.0063
Hunter-Lab	46.0197, 17.8392, 27.8168

Details

The Hex color **B86D14** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **145FB8**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F5A14B**, and **7D3D00** is the 20% darker color. If you saturate the color by 10%, you get **B86502**, and if you desaturate by 10%, it is **B87526**.

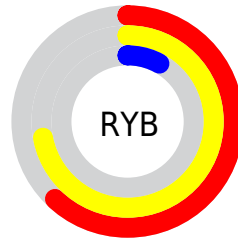
Distribution



Red (72%)

Green (43%)

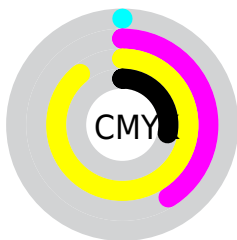
Blue (8%)



Red (62%)

Yellow (72%)

Blue (8%)

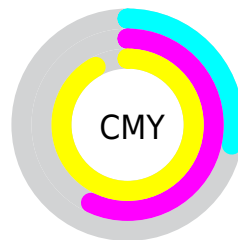


Cyan (0%)

Magenta (41%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (57%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B86D14 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 B86D14 by changing the saturation by 10% instead.

 B86D14

 B86D14

FFFFFF

 9A5400

 F5A14B

 7D3D00

 FFBC65

 602600

 FFD87F

 441000

 FFF49A

 2B0000

 FFFFB6

 000000

 FFFFDD

 FFFFEE

 B86D14

 B86D14

 B86502

 B87526

 B86400

 B87E39

 B8864B

 B88F5E

 B89770

 B89F82

 B8A895

 B8B0A7

 B8B9BA

Harmonies

Analogous

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



D55642



B86D14



8D8000

Triad

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



B86D14



00978A



906BD3

Complementary

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



B86D14



145FB8

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.



0081E8



B86D14



0096BD

Square

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



B86D14



009453



008FDF



C753A9

Rectangle

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



B86D14



6A8A0E



008FDF



7373DD

Sweetspot

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



B86D14



F0D2AF



B81461



786651



F7F7F7



787878

Same Dimension

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



B86D14



F08200



B3B814



5C5853



9C5400



1C0F00

Inverse Universe

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



145FB8



006EF0



1914B8



53575C



00479C



000D1C

Previews

White Background



This preview shows how the Hex color B86D14 looks on a white background.

Color Contrast Check

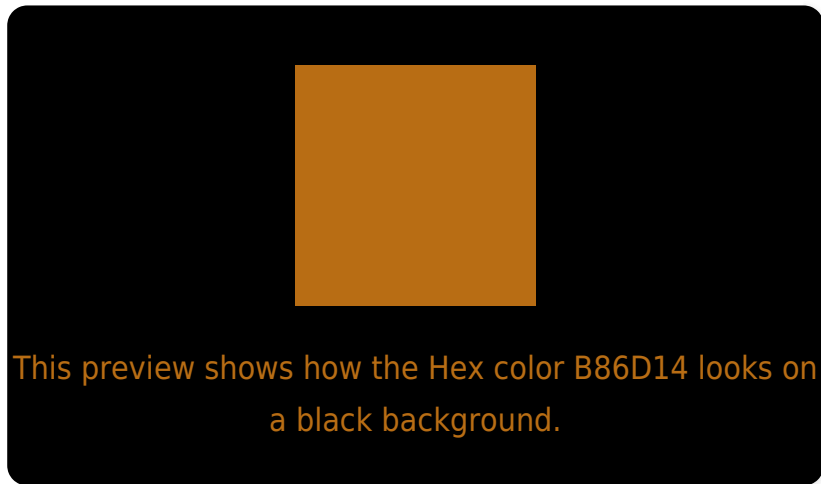
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86D14 Background



This preview shows how black text looks on a background with the Hex color B86D14.



This preview shows how white text looks on a background with the Hex color B86D14.

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

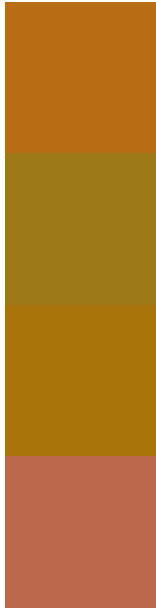


Original Color
B86D14

Protanopia
8F8019

Deuteranopia
A17906

Trichromacy



Original Color
B86D14

Protanomaly
9E7917

Deuteranomaly
A9750B

Tritanomaly
BB684D

Monochromacy



Original Color
B86D14

Achromatopsia
797979

Achromatomaly
907554

CSS Examples

Text

The CSS property to change the color of the text to Hex B86D14 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 #B86D14 looks like.

```
.text, #text, p{  
    color:#B86D14  
}
```

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 #B86D14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86D14
}
```

Border

The CSS property to change the border of an element to Hex B86D14 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
#B86D14 }
```

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

```
.border{ border-color:#B86D14 }
```

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

Here you see how a box with a 4 pixel #B86D14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86D14; -webkit-box-shadow:4px 4px  
4px 4px #B86D14; box-shadow:4px 4px 4px  
4px #B86D14 }
```

Background

The CSS property to change the background color of an element to Hex B86D14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86D14 }
```

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

```
.background{ background-color:#B86D14 }
```

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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