

Converting Colors

Hex(B76E40)

Have a look what the booklet for
Hex(B76E40) contains.

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Color

Hex(B76E40)

Conversions

Conversions Part 1

Format	Color
Hex	B76E40
RGB	183, 110, 64
RGB Percent	72%, 43%, 25%
CMY	0.2824, 0.5686, 0.7490
CMYK	0.00, 0.40, 0.65, 0.28
HSL	23°, 48%, 48%
HSV	23°, 65%, 72%
XYZ	26.0298, 21.5893, 7.6457
YIQ	126.5830, 58.2740, 1.1700

Conversions

Conversions Part 2

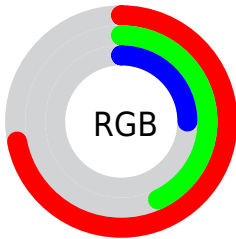
Format	Color
RYB	183, 139, 64
Decimal	12021312
CIELab	53.59, 24.75, 37.47
CIElCh	54, 44.904, 56.555
Yxy	21.5893, 0.4710, 0.3907
Android (android.graphics.Color)	4290211392 (0xFFB76E40)
YUV	126.5830, -30.8534, 49.4777
Hunter-Lab	46.4643, 18.6851, 22.7688

Details

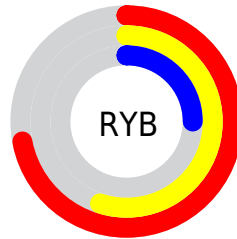
The Hex color **B76E40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4089B7**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F3A271**, and **7D3D11** is the 20% darker color. If you saturate the color by 10%, you get **B7632E**, and if you desaturate by 10%, it is **B77952**.

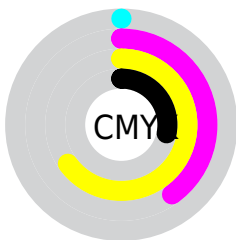
Distribution



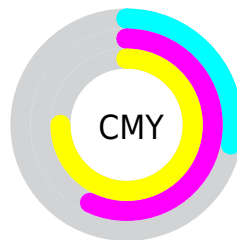
- Red (72%)
- Green (43%)
- Blue (25%)



- Red (72%)
- Yellow (55%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (65%)
- Black (28%)



- Cyan (28%)
- Magenta (57%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B76E40 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 B76E40 by changing the saturation by 10% instead.

 B76E40

 B76E40

FFFFFF

 9A5529

 F3A271

 7D3D11

 FFBD8B

 622600

 FFD9A6

 461000

 FFF6C1

 2D0000

 FFFFDD

 000000

 FFFFFA

 B76E40

 B76E40

 B7632E

 B77952

 B7581B

 B78465

 B74C09

 B79077

 B74700

 B79B89

 B7A69B

 B7B1AE

 B7BDC0

 B7C8D2

 B7D3E5

Harmonies

Analogous

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



C76160



B76E40



9A7C2F

Triad

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



B76E40



00937A



7B78C5

Complementary

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



B76E40



4089B7

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.



1C86CD



B76E40



0093A1

Square

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



B76E40



428F54



008FC0



AB68AB

Rectangle

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



B76E40



818532



008FC0



647DCA

Sweetspot

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



B76E40



EDD0BE



B74089



78665B



F7F7F7



787878

Same Dimension

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



B76E40



ED7C34



B7A940



5C5653



9C3C00



1C0B00

Inverse Universe

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



4089B7



34A6ED



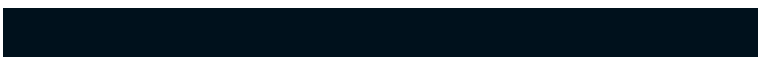
404EB7



53585C



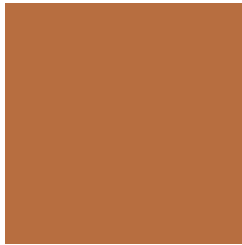
005F9C



00111C

Previews

White Background



This preview shows how the Hex color B76E40 looks on a white background.

Color Contrast Check

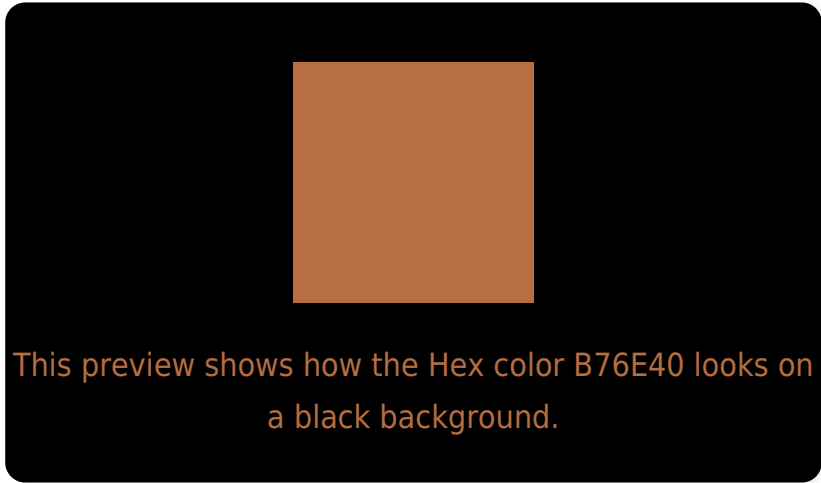
Large Text (above 18pt) WCAG AA ✓ Pass

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

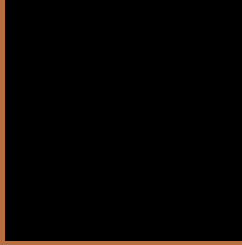
Any Text WCAG AA ✓ Pass

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 B76E40 Background



This preview shows how black text looks on a background with the Hex color B76E40.



This preview shows how white text looks on a background with the Hex color B76E40.

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
B76E40

Protanopia
8D8146

Deuteranopia
9F7A3D



Tritanopia
BA6870

Trichromacy



Original Color
B76E40

Protanomaly
9C7A44

Deuteranomaly
A8763E

Tritanomaly
B96A5F

Monochromacy



Original Color
B76E40

Achromatopsia
7F7F7F

Achromatomaly
937968

CSS Examples

Text

The CSS property to change the color of the text to Hex B76E40 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 #B76E40 looks like.

```
.text, #text, p{  
    color:#B76E40  
}
```

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 #B76E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76E40
}
```

Border

The CSS property to change the border of an element to Hex B76E40 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
#B76E40 }
```

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

```
.border{ border-color:#B76E40 }
```

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

Here you see how a box with a 4 pixel #B76E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76E40; -webkit-box-shadow:4px 4px  
4px 4px #B76E40; box-shadow:4px 4px 4px  
4px #B76E40 }
```

Background

The CSS property to change the background color of an element to Hex B76E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76E40 }
```

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

```
.background{ background-color:#B76E40 }
```

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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