

Converting Colors

Hex(B76B13)

Have a look what the booklet for
Hex(B76B13) contains.

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Color

Hex(B76B13)

Conversions

Conversions Part 1

Format	Color
Hex	B76B13
RGB	183, 107, 19
RGB Percent	72%, 42%, 7%
CMY	0.2824, 0.5804, 0.9255
CMYK	0.00, 0.42, 0.90, 0.28
HSL	32°, 81%, 40%
HSV	32°, 90%, 72%
XYZ	24.9037, 20.6297, 3.2855
YIQ	119.6920, 73.5440, -11.2560

Conversions

Conversions Part 2

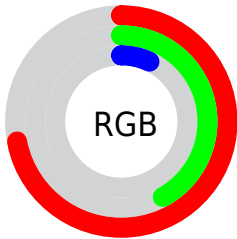
Format	Color
R_{YB}	161, 183, 19
Decimal	12020499
CIE _{Lab}	52.54, 24.51, 55.91
CIE _{LCh}	53, 61.047, 66.330
Yxy	20.6297, 0.5101, 0.4226
Android (android.graphics.Color)	4290210579 (0xFFB76B13)
YUV	119.6920, -49.6412, 55.5211
Hunter-Lab	45.4199, 18.3865, 27.5052

Details

The Hex color **B76B13** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **135FB7**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F49F4A**, and **7C3B00** is the 20% darker color. If you saturate the color by 10%, you get **B76301**, and if you desaturate by 10%, it is **B77325**.

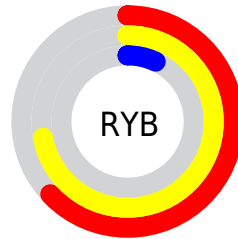
Distribution



Red (72%)

Green (42%)

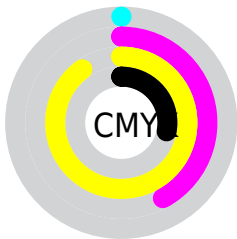
Blue (7%)



Red (63%)

Yellow (72%)

Blue (7%)

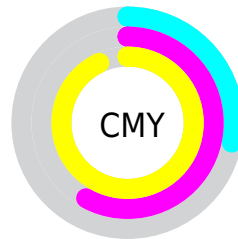


Cyan (0%)

Magenta (42%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B76B13 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 B76B13 by changing the saturation by 10% instead.

 B76B13

 B76B13

FFFFFF

 995200

 F49F4A

 7C3B00

 FFBA64

 5F2400

 FFD67E

 430E00

 FFF299

 2B0000

 FFFFB4

 000000

 FFFFD1

 FFFFED

 B76B13

 B76B13

 B76301

 B77325

 B76200

 B77C38

 B7844A

 B78D5C

 B7956E

 B79E81

 B7A693

 B7AFA5

 B7B7B8

Harmonies

Analogous

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



D35442



B76B13



8C7F00

Triad

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



B76B13



009587



8C6AD2

Complementary

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



B76B13



135FB7

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.



0080E6



B76B13



0094BA

Square

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



B76B13



009351



008EDD



C452A9

Rectangle

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



B76B13



698809



008EDD



6F72DC

Sweetspot

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



B76B13



EDCFAD



B71360



786651



F7F7F7



787878

Same Dimension

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



B76B13



ED7F00



B2B713



5C5853



9C5300



1C0F00

Inverse Universe

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



135FB7



006EED



1813B7



53575C



00489C



000D1C

Previews

White Background



This preview shows how the Hex color B76B13 looks on a white background.

Color Contrast Check

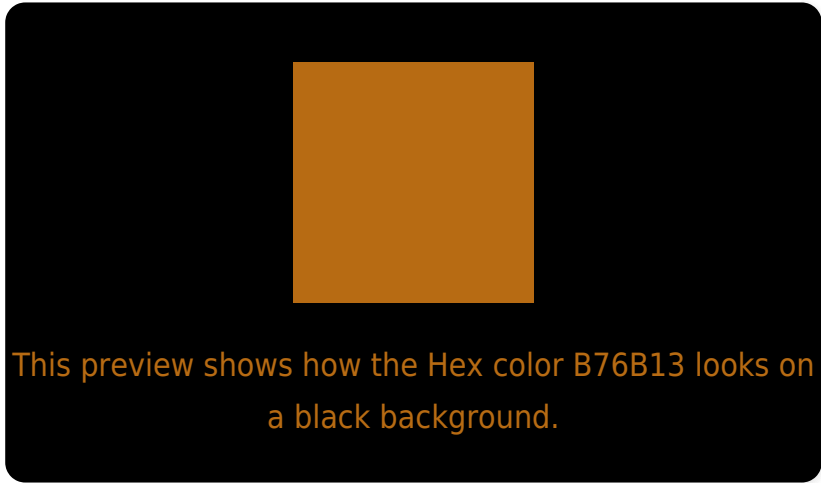
Large Text (above 18pt) WCAG AA ✓ Pass

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 B76B13 Background



This preview shows how black text looks on a background with the Hex color B76B13.



This preview shows how white text looks on a background with the Hex color B76B13.

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
B76B13

Protanopia
8E7E18

Deuteranopia
9F7700

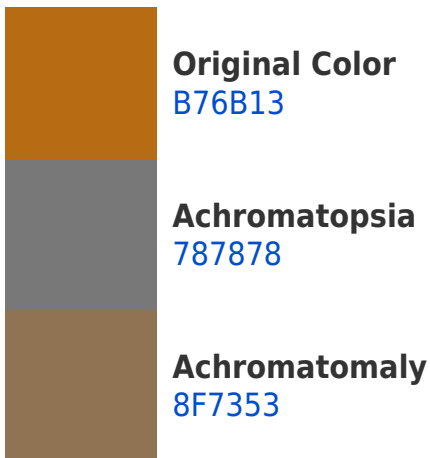


Tritanopia
BB646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B76B13 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 #B76B13 looks like.

```
.text, #text, p{  
    color:#B76B13  
}
```

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 #B76B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76B13
}
```

Border

The CSS property to change the border of an element to Hex B76B13 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
#B76B13 }
```

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

```
.border{ border-color:#B76B13 }
```

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

Here you see how a box with a 4 pixel #B76B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76B13; -webkit-box-shadow:4px 4px  
4px 4px #B76B13; box-shadow:4px 4px 4px  
4px #B76B13 }
```

Background

The CSS property to change the background color of an element to Hex B76B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76B13 }
```

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

```
.background{ background-color:#B76B13 }
```

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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