

Converting Colors

Hex(7B620B)

Have a look what the booklet for
Hex(7B620B) contains.

Hex(7B620B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B620B)

Conversions

Conversions Part 1

Format	Color
Hex	7B620B
RGB	123, 98, 11
RGB Percent	48%, 38%, 4%
CMY	0.5176, 0.6157, 0.9569
CMYK	0.00, 0.20, 0.91, 0.52
HSL	47°, 84%, 26%
HSV	47°, 91%, 48%
XYZ	12.5965, 12.9705, 2.1563
YIQ	95.5570, 42.8270, -21.7570

Conversions

Conversions Part 2

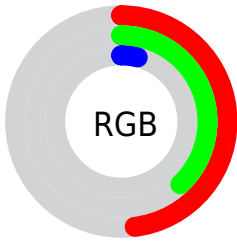
Format	Color
RYB	43, 123, 11
Decimal	8086027
CIELab	42.72, 1.82, 47.13
CIELCh	43, 47.165, 87.784
Yxy	12.9705, 0.4544, 0.4679
Android (android.graphics.Color)	4286276107 (0xFF7B620B)
YUV	95.5570, -41.6866, 24.0675
Hunter-Lab	36.0146, -0.5932, 21.6604

Details

The Hex color **7B620B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B247B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B39441**, and **463400** is the 20% darker color. If you saturate the color by 10%, you get **7B6000**, and if you desaturate by 10%, it is **7B6517**.

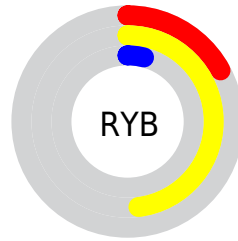
Distribution



Red (48%)

Green (38%)

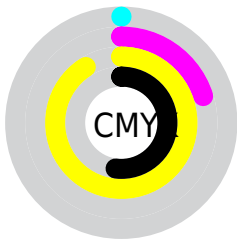
Blue (4%)



Red (17%)

Yellow (48%)

Blue (4%)

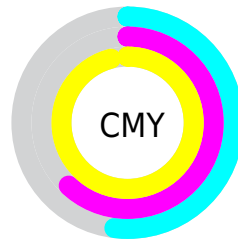


Cyan (0%)

Magenta (20%)

Yellow (91%)

Black (52%)



Cyan (52%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B620B 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 7B620B by changing the saturation by 10% instead.

 7B620B

 7B620B

FFFFFF

 604A00

 B39441

 463400

 D0AF5A

 2C1F00

 EDCA74

 120800

 FFE68F

 000000

 FFFFAA

 FFFFC6

 FFFFEE

 7B620B

 7B620B

■ 7B6000

■ 7B6517

■ 7B6724

■ 7B6A30

■ 7B6D3C

■ 7B7049

■ 7B7255

■ 7B7561

■ 7B786D

■ 7B7B7A

Harmonies

Analogous

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



985322



7B620B



556D18

Triad

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



7B620B



007788



914A8F

Complementary

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



7B620B



0B247B

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.



5F5CAA



7B620B



0073A6

Square

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



7B620B



007761



006AB3



A83F69

Rectangle

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



7B620B



33722D



006AB3



84509A

Sweetspot

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



7B620B



A19775



7B0B25



524C37



D1D1D1



525252

Same Dimension

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



7B620B



A17D00



5D7B0B



3D3C37



7D6100



FCC400

Inverse Universe

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



0B247B



0024A1



290B7B



37383D



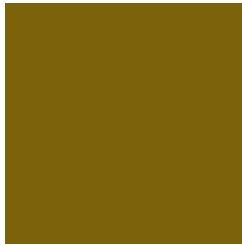
001C7D



0038FC

Previews

White Background



This preview shows how the Hex color 7B620B looks on a white background.

Color Contrast Check

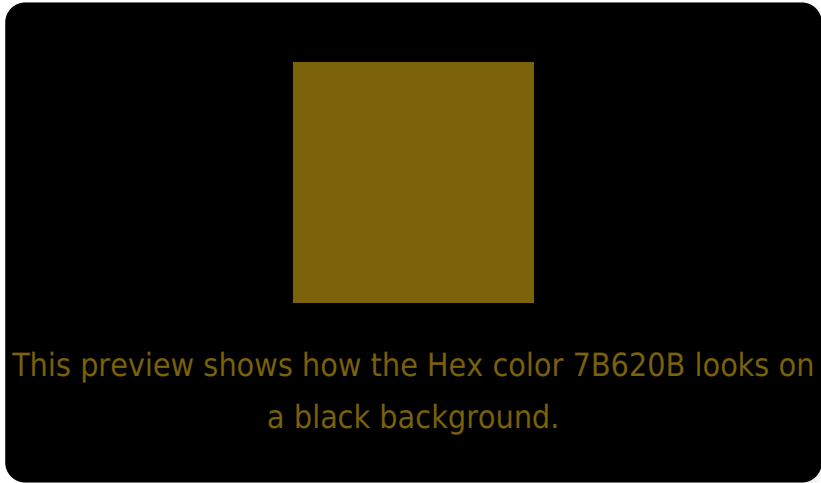
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B620B Background



This preview shows how black text looks on a background with the Hex color 7B620B.



This preview shows how white text looks on a background with the Hex color 7B620B.

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
7B620B

Protanopia
72650C

Deuteranopia
80600D



Tritanopia
805B62

Trichromacy



Original Color
7B620B

Protanomaly
75640C

Deuteranomaly
7E610C

Tritanomaly
7E5E42

Monochromacy



Original Color
7B620B

Achromatopsia
606060

Achromatomaly
6A6141

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B620B 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 #7B620B looks like.

```
.text, #text, p{  
    color:#7B620B  
}
```

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 #7B620B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B620B
}
```

Border

The CSS property to change the border of an element to Hex 7B620B 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
#7B620B }
```

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

```
.border{ border-color:#7B620B }
```

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

Here you see how a box with a 4 pixel #7B620B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B620B; -webkit-box-shadow:4px 4px  
4px 4px #7B620B; box-shadow:4px 4px 4px  
4px #7B620B }
```

Background

The CSS property to change the background color of an element to Hex 7B620B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B620B }
```

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

```
.background{ background-color:#7B620B }
```

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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