

Converting Colors

Hex(B7240D)

Have a look what the booklet for
Hex(B7240D) contains.

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Color

Hex(B7240D)

Conversions

Conversions Part 1

Format	Color
Hex	B7240D
RGB	183, 36, 13
RGB Percent	72%, 14%, 5%
CMY	0.2824, 0.8588, 0.9490
CMYK	0.00, 0.80, 0.93, 0.28
HSL	8°, 87%, 38%
HSV	8°, 93%, 72%
XYZ	20.2320, 11.3581, 1.5068
YIQ	77.3310, 94.9950, 24.0110

Conversions

Conversions Part 2

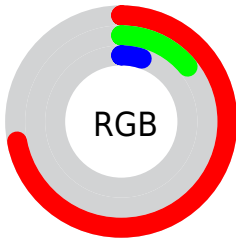
Format	Color
RYB	183, 40, 13
Decimal	12002317
CIELab	40.18, 56.40, 48.84
CIElCh	40, 74.606, 40.893
Yxy	11.3581, 0.6113, 0.3432
Android (android.graphics.Color)	4290192397 (0xFFB7240D)
YUV	77.3310, -31.7152, 92.6717
Hunter-Lab	33.7018, 48.1796, 20.9405

Details

The Hex color **B7240D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0DA0B7**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **F75F3D**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B71900**, and if you desaturate by 10%, it is **B7341F**.

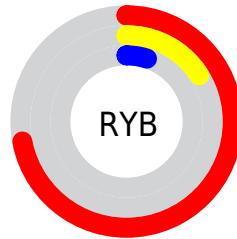
Distribution



Red (72%)

Green (14%)

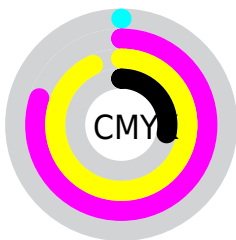
Blue (5%)



Red (72%)

Yellow (16%)

Blue (5%)

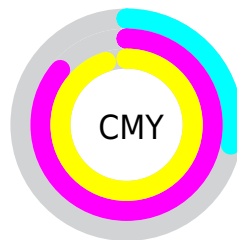


Cyan (0%)

Magenta (80%)

Yellow (93%)

Black (28%)



Cyan (28%)

Magenta (86%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7240D 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 B7240D by changing the saturation by 10% instead.

 B7240D

 B7240D

 FFFFF8

 980000

 F75F3D

 780000

 FF7B56

 5A0000

 FF976F

 3F0003

 FFB389

 1B0001

 FFD0A3

 000000

 FFEDBF

 FFFFDB

 B7240D

 B7240D

 B71900

 B7341F

 B74432

 B75344

 B76356

 B77369

 B7837B

 B7938D

 B7A39F

 B7B2B2

Harmonies

Analogous

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



C5004C



B7240D



934D00

Triad

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



B7240D



007533



0060D9

Complementary

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



B7240D



0DA0B7

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.



0070D4



B7240D



007774

Square

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



B7240D



006F00



0077AE



7840BC

Rectangle

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



B7240D



735D00



0077AE



0067DB

Sweetspot

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



B7240D



EDB4AB



B70DA0



78554F



F7F7F7



787878

Same Dimension

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



B7240D



ED2000



B7790D



5C5453



9C1500



1C0400

Inverse Universe

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



0DA0B7



00CED1



000080



444444



008080



000080

Previews

White Background



This preview shows how the Hex color B7240D looks on a white background.

Color Contrast Check

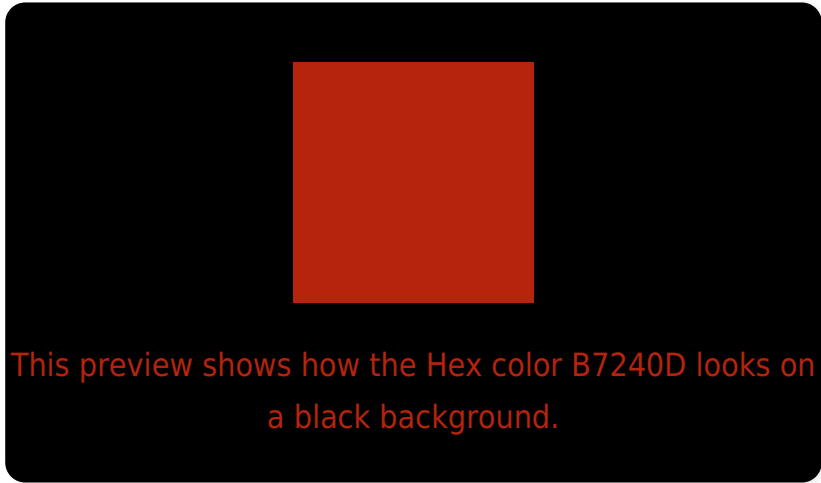
Large Text (above 18pt) WCAG AA ✓ Pass

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 B7240D Background



This preview shows how black text looks on a background with the Hex color B7240D.



This preview shows how white text looks on a background with the Hex color B7240D.

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

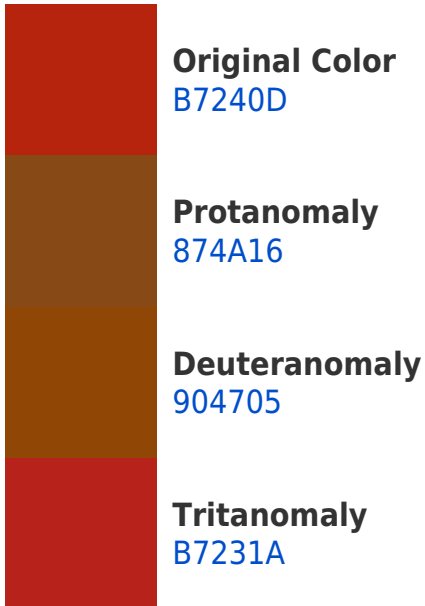


Original Color
B7240D

Protanopia
6C601B

Deuteranopia
795B00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7240D 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 #B7240D looks like.

```
.text, #text, p{  
    color:#B7240D  
}
```

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 #B7240D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7240D
}
```

Border

The CSS property to change the border of an element to Hex B7240D is called "border". The border property can be set on classes, ids or directly on the HTML element.

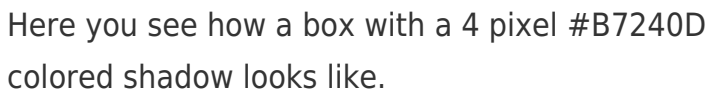
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B7240D }
```

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

```
.border{ border-color:#B7240D }
```

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



Here you see how a box with a 4 pixel #B7240D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7240D; -webkit-box-shadow:4px 4px  
4px 4px #B7240D; box-shadow:4px 4px 4px  
4px #B7240D }
```

Background

The CSS property to change the background color of an element to Hex B7240D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7240D }
```

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

```
.background{ background-color:#B7240D }
```

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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