

Converting Colors

Hex(B2480A)

Have a look what the booklet for
Hex(B2480A) contains.

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Color

Hex(B2480A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | B2480A |
| RGB | 178, 72, 10 |
| RGB Percent | 70%, 28%, 4% |
| CMY | 0.3020, 0.7176, 0.9608 |
| CMYK | 0.00, 0.60, 0.94, 0.30 |
| HSL | 22°, 89%, 37% |
| HSV | 22°, 94%, 70% |
| XYZ | 20.7322, 14.1216, 1.9202 |
| YIQ | 96.6260, 83.0780, 3.1900 |

Conversions

Conversions Part 2

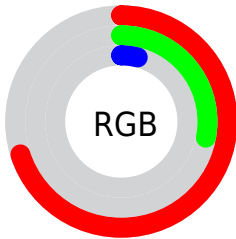
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 178, 108, 10 |
| Decimal | 11683850 |
| CIE _{Lab} | 44.41, 40.61, 52.09 |
| CIE _{LCh} | 44, 66.049, 52.062 |
| Yxy | 14.1216, 0.5638, 0.3840 |
| Android (android.graphics.Color) | 4289873930 (0xFFB2480A) |
| YUV | 96.6260, -42.7066, 71.3650 |
| Hunter-Lab | 37.5787, 32.7159, 23.2755 |

Details

The Hex color **B2480A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0A74B2**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F07C3F**, and **751300** is the 20% darker color. If you saturate the color by 10%, you get **B24200**, and if you desaturate by 10%, it is **B2531C**.

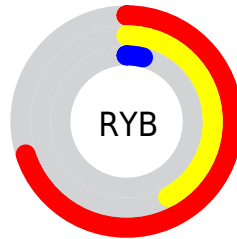
Distribution



Red (70%)

Green (28%)

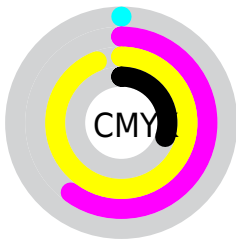
Blue (4%)



Red (70%)

Yellow (42%)

Blue (4%)

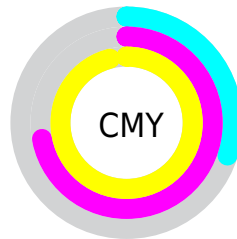


Cyan (0%)

Magenta (60%)

Yellow (94%)

Black (30%)



Cyan (30%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2480A 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 B2480A by changing the saturation by 10% instead.

 B2480A

 B2480A

FFFFFFC

 932E00

 F07C3F

 751300

 FF9758

 580000

 FFB272

 3C0000

 FFCE8C

 1E0001

 FFEBA7

 000000

 FFFFC3

 FFFFDF

 B2480A

 B2480A

 B24200

 B2531C

 B25E2E

 B26A3F

 B27551

 B28063

 B28B75

 B29787

 B2A298

 B2ADAA

Harmonies

Analogous

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



C72A44



B2480A



8C6200

Triad

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



B2480A



008058



3E61D0

Complementary

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



B2480A



0A74B2

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.



0074D7



B2480A



008191

Square

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



B2480A



007B1C



007EC0



9B44AD

Rectangle

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



B2480A



6B6E00



007EC0



0069D6

Sweetspot

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



B2480A



E8BFA7



B20A74



755C4D



F5F5F5



757575

Same Dimension

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



B2480A



E85600



B29C0A



595450



993800



1A0900

Inverse Universe

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



0A74B2



0092E8



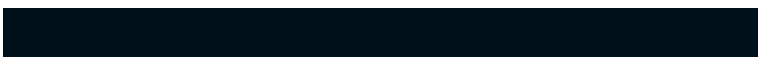
0A20B2



505659



006199



00101A

Previews

White Background



This preview shows how the Hex color B2480A looks on a white background.

Color Contrast Check

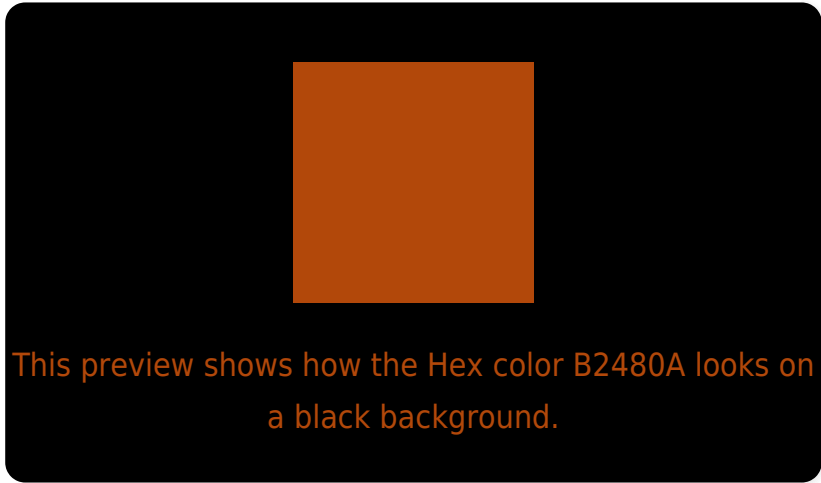
Large Text (above 18pt) WCAG AA ✓ Pass

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

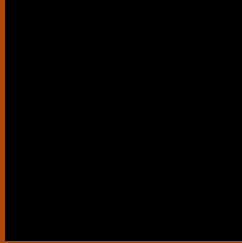
Any Text WCAG AA × Fail

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 B2480A Background



This preview shows how black text looks on a background with the Hex color B2480A.



This preview shows how white text looks on a background with the Hex color B2480A.

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
B2480A

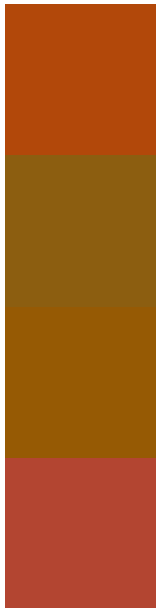
Protanopia
776A14

Deuteranopia
866400



Tritanopia
B44347

Trichromacy



Original Color
B2480A

Protanomaly
8C5E10

Deuteranomaly
965A04

Tritanomaly
B34531

Monochromacy



Original Color
B2480A

Achromatopsia
616161

Achromatomaly
7E5841

CSS Examples

Text

The CSS property to change the color of the text to Hex B2480A 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 #B2480A looks like.

```
.text, #text, p{  
    color:#B2480A  
}
```

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 #B2480A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2480A
}
```

Border

The CSS property to change the border of an element to Hex B2480A is called "border". The border property can be set on classes, ids or directly on the HTML element.

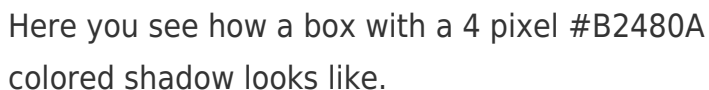
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2480A }
```

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

```
.border{ border-color:#B2480A }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B2480A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2480A; -webkit-box-shadow:4px 4px  
4px 4px #B2480A; box-shadow:4px 4px 4px  
4px #B2480A }
```

Background

The CSS property to change the background color of an element to Hex B2480A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2480A }
```

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

```
.background{ background-color:#B2480A }
```

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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