

Converting Colors

Hex(E2480B)

Have a look what the booklet for
Hex(E2480B) contains.

Hex(E2480B)	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(E2480B)

Conversions

Conversions Part 1

Format	Color
Hex	E2480B
RGB	226, 72, 11
RGB Percent	89%, 28%, 4%
CMY	0.1137, 0.7176, 0.9569
CMYK	0.00, 0.68, 0.95, 0.11
HSL	17°, 91%, 46%
HSV	17°, 95%, 89%
XYZ	33.7418, 20.8276, 2.5584
YIQ	111.0920, 111.3650, 13.6770

Conversions

Conversions Part 2

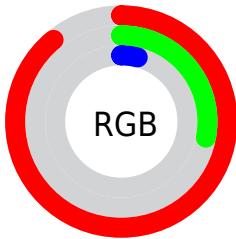
Format	Color
R_{YB}	226, 96, 11
Decimal	14829579
CIE _{Lab}	52.76, 57.65, 61.27
CIE _{LCh}	53, 84.130, 46.741
Yxy	20.8276, 0.5906, 0.3646
Android (android.graphics.Color)	4293019659 (0xFFE2480B)
YUV	111.0920, -49.3454, 100.7743
Hunter-Lab	45.6373, 52.1081, 28.6224

Details

The Hex color **E2480B** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0BA5E2**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8043**, and **A20000** is the 20% darker color. If you saturate the color by 10%, you get **E24000**, and if you desaturate by 10%, it is **E25822**.

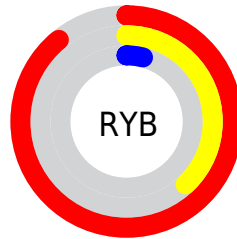
Distribution



Red (89%)

Green (28%)

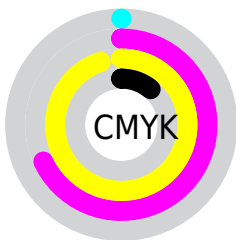
Blue (4%)



Red (89%)

Yellow (38%)

Blue (4%)

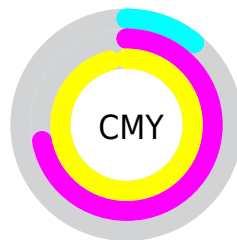


Cyan (0%)

Magenta (68%)

Yellow (95%)

Black (11%)



Cyan (11%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2480B 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 E2480B by changing the saturation by 10% instead.

 E2480B

 E2480B

FFFFFF

 C22A00

 FF8043

 A20000

 FF9C5D

 820000

 FFB977

 630000

 FFD591

 460002

 FFF3AD

 280001

 FFFFC9

 000000

 FFFF E5

 E2480B

 E2480B

 E24000

 E25822

 E26838

 E2794F

 E28965

 E2997C

 E2A993

 E2B9A9

 E2CAC0

 E2DAD6

Harmonies

Analogous

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



F80359



E2480B



B36F00

Triad

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



E2480B



009A5A



0079FF

Complementary

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



E2480B



0BA5E2

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.



0090FF



E2480B



009CA6

Square

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



E2480B



009400



009AE7



B052E2

Rectangle

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



E2480B



8B8000



009AE7



0083FF

Sweetspot

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



E2480B



FFCAB5



E20BA5



806053



000000



808080

Same Dimension

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



E2480B



FF4800



E2B30B



706865



B03200



300E00

Inverse Universe

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



0BA5E2



00B7FF



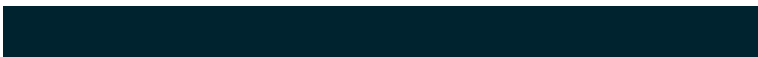
0B3AE2



656D70



007EB0



002330

Previews

White Background



This preview shows how the Hex color E2480B looks on a white background.

Color Contrast Check

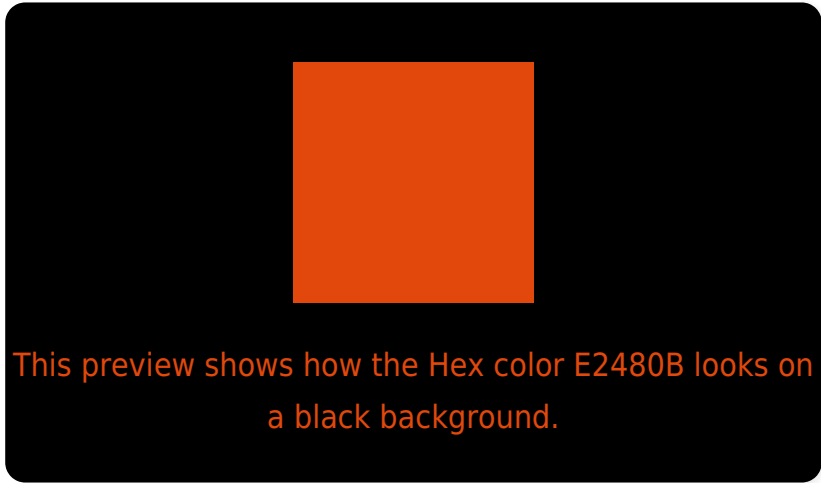
Large Text (above 18pt) WCAG AA ✓ Pass

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 E2480B Background



This preview shows how black text looks on a background with the Hex color E2480B.



This preview shows how white text looks on a background with the Hex color E2480B.

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
E2480B

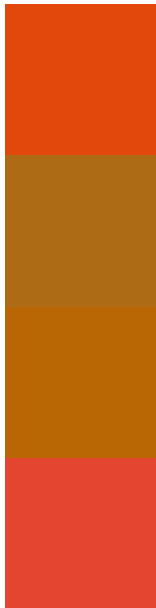
Protanopia
8E7F1B

Deuteranopia
A07800



Tritanopia
E34346

Trichromacy



Original Color
E2480B

Protanomaly
AD6B15

Deuteranomaly
B86704

Tritanomaly
E34531

Monochromacy



Original Color
E2480B

Achromatopsia
6F6F6F

Achromatomaly
99614B

CSS Examples

Text

The CSS property to change the color of the text to Hex E2480B 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 #E2480B looks like.

```
.text, #text, p{  
    color:#E2480B  
}
```

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 #E2480B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2480B
}
```

Border

The CSS property to change the border of an element to Hex E2480B 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
#E2480B }
```

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

```
.border{ border-color:#E2480B }
```

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

Here you see how a box with a 4 pixel #E2480B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2480B; -webkit-box-shadow:4px 4px  
4px 4px #E2480B; box-shadow:4px 4px 4px  
4px #E2480B }
```

Background

The CSS property to change the background color of an element to Hex E2480B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2480B }
```

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

```
.background{ background-color:#E2480B }
```

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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