

Converting Colors

Hex(E38B25)

Have a look what the booklet for
Hex(E38B25) contains.

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Color

Hex(E38B25)

Conversions

Conversions Part 1

Format	Color
Hex	E38B25
RGB	227, 139, 37
RGB Percent	89%, 55%, 15%
CMY	0.1098, 0.4549, 0.8549
CMYK	0.00, 0.39, 0.84, 0.11
HSL	32°, 77%, 52%
HSV	32°, 84%, 89%
XYZ	41.2451, 34.9297, 6.3185
YIQ	153.6840, 85.1900, -13.0660

Conversions

Conversions Part 2

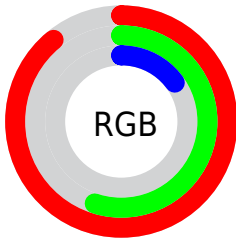
Format	Color
R_{YB}	201, 227, 37
Decimal	14912293
CIE _{Lab}	65.69, 26.41, 63.42
CIE _{LCh}	66, 68.701, 67.389
Yxy	34.9297, 0.5000, 0.4234
Android (android.graphics.Color)	4293102373 (0xFFE38B25)
YUV	153.6840, -57.5252, 64.2981
Hunter-Lab	59.1014, 21.1425, 35.0323

Details

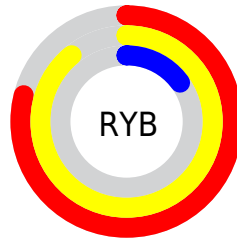
The Hex color **E38B25** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **257DE3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC15C**, and **A65800** is the 20% darker color. If you saturate the color by 10%, you get **E3800E**, and if you desaturate by 10%, it is **E3963C**.

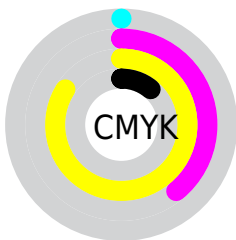
Distribution



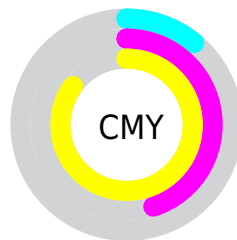
- Red (89%)
- Green (55%)
- Blue (15%)



- Red (79%)
- Yellow (89%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (84%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E38B25 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 E38B25 by changing the saturation by 10% instead.

 E38B25

 E38B25

FFFFFF

 C47100

 FFC15C

 A65800

 FFDD77

 884000

 FFF992

 6A2900

 FFFFAE

 4E1300

 FFFFC A

 330000

 FFFF E7

 120000

 000000

 E38B25

 E38B25

 E3800E

 E3963C

 E37A00

 E3A052

 E3AB69

 E3B580

 E3C096

 E3CAAD

 E3D5C4

 E3DFDB

 E3EAF1

Harmonies

Analogous

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



FF7158



E38B25



B0A204

Triad

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



E38B25



00BCAE



B588FF

Complementary

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



E38B25



257DE3

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.



09A2FF



E38B25



00BBE9

Square

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



E38B25



00B96E



00B3FF



F56DD0

Rectangle

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



E38B25



86AD22



00B3FF



9492FF

Sweetspot

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



E38B25



FFE1BF



E3257E



806E59



000000



808080

Same Dimension

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



E38B25



FF8900



DDE325



736D67



B36000



331B00

Inverse Universe

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



257DE3



0076FF



2B25E3



676D73



0053B3



001833

Previews

White Background



This preview shows how the Hex color E38B25 looks on a white background.

Color Contrast Check

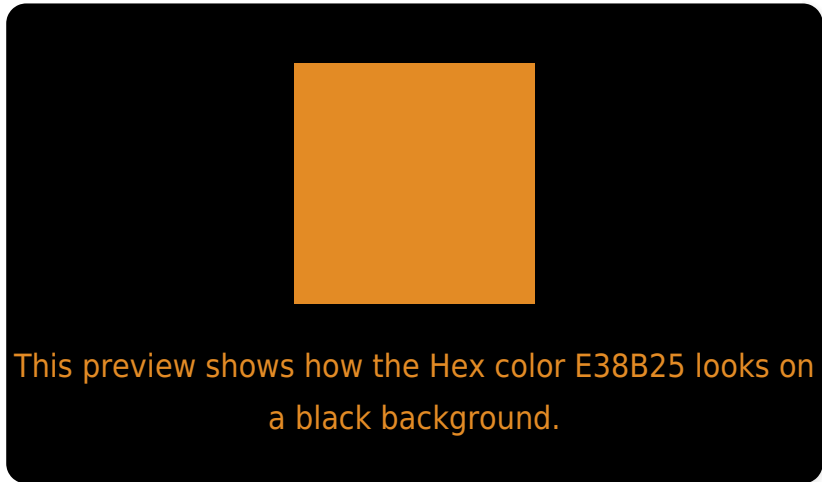
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E38B25 Background



This preview shows how black text looks on a background with the Hex color E38B25.

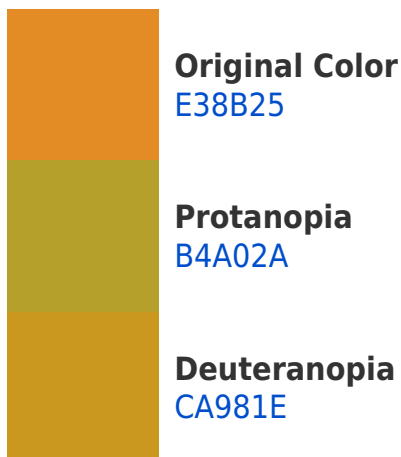


This preview shows how white text looks on a background with the Hex color E38B25.

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





Tritanopia
E8828B

Trichromacy



Original Color
E38B25

Protanomaly
C59828

Deuteranomaly
D39321

Tritanomaly
E68566

Monochromacy



Original Color
E38B25

Achromatopsia
9A9A9A

Achromatomaly
B5956F

CSS Examples

Text

The CSS property to change the color of the text to Hex E38B25 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 #E38B25 looks like.

```
.text, #text, p{  
    color:#E38B25  
}
```

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 #E38B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38B25
}
```

Border

The CSS property to change the border of an element to Hex E38B25 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
#E38B25 }
```

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

```
.border{ border-color:#E38B25 }
```

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

Here you see how a box with a 4 pixel #E38B25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38B25; -webkit-box-shadow:4px 4px  
4px 4px #E38B25; box-shadow:4px 4px 4px  
4px #E38B25 }
```

Background

The CSS property to change the background color of an element to Hex E38B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38B25 }
```

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

```
.background{ background-color:#E38B25 }
```

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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