

Converting Colors

Hex(E38B27)

Have a look what the booklet for
Hex(E38B27) contains.

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Color

Hex(E38B27)

Conversions

Conversions Part 1

Format	Color
Hex	E38B27
RGB	227, 139, 39
RGB Percent	89%, 55%, 15%
CMY	0.1098, 0.4549, 0.8471
CMYK	0.00, 0.39, 0.83, 0.11
HSL	32°, 77%, 52%
HSV	32°, 83%, 89%
XYZ	41.2774, 34.9426, 6.4885
YIQ	153.9120, 84.5480, -12.4440

Conversions

Conversions Part 2

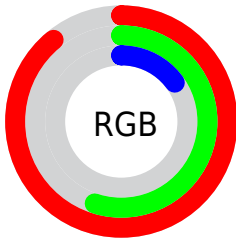
Format	Color
R_{YB}	204, 227, 39
Decimal	14912295
CIE _{Lab}	65.70, 26.47, 62.75
CIE _{LCh}	66, 68.104, 67.129
Yxy	34.9426, 0.4991, 0.4225
Android (android.graphics.Color)	4293102375 (0xFFE38B27)
YUV	153.9120, -56.6516, 64.0982
Hunter-Lab	59.1123, 21.1979, 34.8706

Details

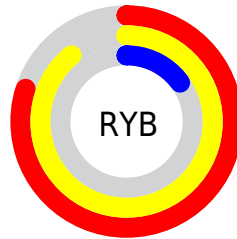
The Hex color **E38B27** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **277FE3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC15D**, and **A65800** is the 20% darker color. If you saturate the color by 10%, you get **E38010**, and if you desaturate by 10%, it is **E3963E**.

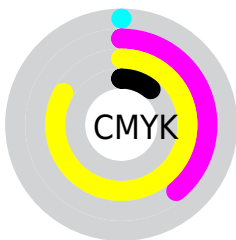
Distribution



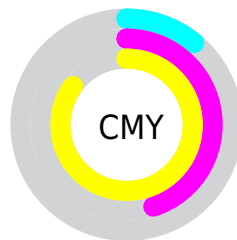
- Red (89%)
- Green (55%)
- Blue (15%)



- Red (80%)
- Yellow (89%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (83%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color E38B27 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 E38B27 by changing the saturation by 10% instead.

 E38B27

 E38B27

FFFFFF

 C47101

 FFC15D

 A65800

 FFDD78

 884000

 FFF993

 6A2900

 FFFF4F

 4E1300

 FFFFCB

 330000

 FFFF8E

 130000

 000000

 E38B27

 E38B27

 E38010

 E3963E

 E37900

 E3A054

 E3AB6B

 E3B682

 E3C099

 E3CBAF

 E3D5C6

 E3E0DD

 E3EBF3

Harmonies

Analogous

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



FF7159



E38B27



B0A108

Triad

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



E38B27



00BCAD



B489FF

Complementary

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



E38B27



277FE3

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.



0DA2FF



E38B27



00BBE8

Square

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



E38B27



00B96D



00B3FF



F46ED0

Rectangle

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



E38B27



87AC23



00B3FF



9492FF

Sweetspot

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



E38B27



FFE1BF



E32782



806E59



000000



808080

Same Dimension

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



E38B27



FF8903



E0E327



736D67



B35F00



331B00

Inverse Universe

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



277FE3



0379FF



2A27E3



676D73



0054B3



001833

Previews

White Background



This preview shows how the Hex color E38B27 looks on a white background.

Color Contrast Check

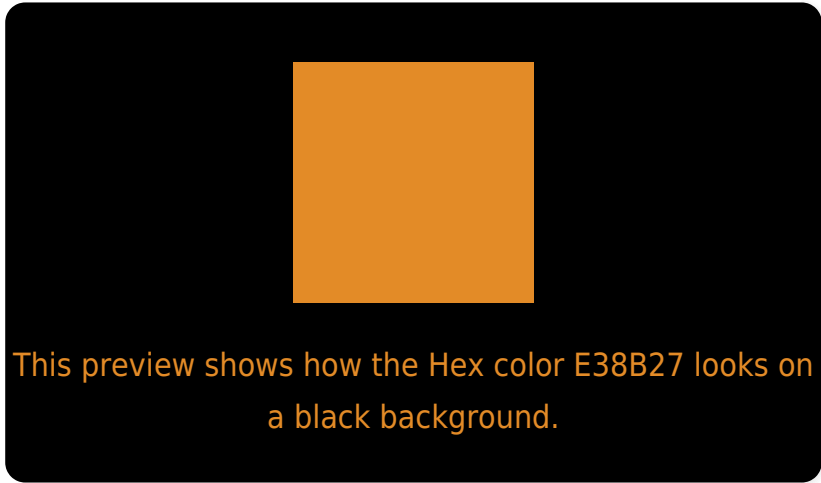
Large Text (above 18pt) WCAG AA × Fail

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 E38B27 Background



This preview shows how black text looks on a background with the Hex color E38B27.



This preview shows how white text looks on a background with the Hex color E38B27.

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
E38B27

Protanopia
B4A02C

Deuteranopia
CA9821



Tritanopia
E8828B

Trichromacy



Original Color
E38B27

Protanomaly
C5982A

Deuteranomaly
D39323

Tritanomaly
E68567

Monochromacy



Original Color
E38B27

Achromatopsia
9A9A9A

Achromatomaly
B59570

CSS Examples

Text

The CSS property to change the color of the text to Hex E38B27 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 #E38B27 looks like.

```
.text, #text, p{  
    color:#E38B27  
}
```

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 #E38B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E38B27
}
```

Border

The CSS property to change the border of an element to Hex E38B27 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
#E38B27 }
```

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

```
.border{ border-color:#E38B27 }
```

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

Here you see how a box with a 4 pixel #E38B27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E38B27; -webkit-box-shadow:4px 4px  
4px 4px #E38B27; box-shadow:4px 4px 4px  
4px #E38B27 }
```

Background

The CSS property to change the background color of an element to Hex E38B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E38B27 }
```

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

```
.background{ background-color:#E38B27 }
```

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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