

Converting Colors

Hex(E68C23)

Have a look what the booklet for
Hex(E68C23) contains.

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Color

Hex(E68C23)

Conversions

Conversions Part 1

Format	Color
Hex	E68C23
RGB	230, 140, 35
RGB Percent	90%, 55%, 14%
CMY	0.0980, 0.4510, 0.8627
CMYK	0.00, 0.39, 0.85, 0.10
HSL	32°, 80%, 52%
HSV	32°, 85%, 90%
XYZ	42.3146, 35.7005, 6.2508
YIQ	154.9400, 87.3450, -13.5750

Conversions

Conversions Part 2

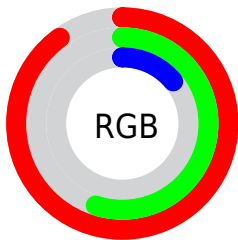
Format	Color
R _Y B	202, 230, 35
Decimal	15109155
CIE Lab	66.29, 27.09, 64.73
CIE LCh	66, 70.166, 67.292
Yxy	35.7005, 0.5022, 0.4237
Android (android.graphics.Color)	4293299235 (0xFFE68C23)
YUV	154.9400, -59.1304, 65.8276
Hunter-Lab	59.7499, 21.8505, 35.6223

Details

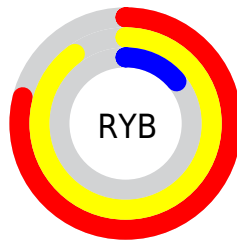
The Hex color **E68C23** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **237DE6**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC25B**, and **A85900** is the 20% darker color. If you saturate the color by 10%, you get **E6810C**, and if you desaturate by 10%, it is **E6973A**.

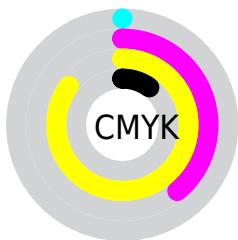
Distribution



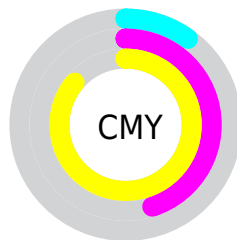
- Red (90%)
- Green (55%)
- Blue (14%)



- Red (79%)
- Yellow (90%)
- Blue (14%)



- Cyan (0%)
- Magenta (39%)
- Yellow (85%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color E68C23 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 E68C23 by changing the saturation by 10% instead.

 E68C23

 E68C23

FFFFFF

 C77200

 FFC25B

 A85900

 FFDE75

 8A4100

 FFFB91

 6D2A00

 FFFFAC

 501300

 FFFFC9

 350000

 FFFFEE

 170000

 000000

 E68C23

 E68C23

 E6810C

 E6973A

 E67C00

 E6A151

 E6AC68

 E6B67F

 E6C196

 E6CCAD

 E6D6C4

 E6E1DB

 E6ECF2

Harmonies

Analogous

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



FF7158



E68C23



B2A300

Triad

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



E68C23



00BFAF



B789FF

Complementary

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



E68C23



237DE6

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.



00A4FF



E68C23



00BDEC

Square

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



E68C23



00BB6E



00B5FF



F86DD3

Rectangle

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



E68C23



87AE1F



00B5FF



9593FF

Sweetspot

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



E68C23



FFE2BF



E6237E



806E59



000000



808080

Same Dimension

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



E68C23



FF8900



E0E623



736D67



B36000



331B00

Inverse Universe

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



237DE6



0076FF



2A23E6



676D73



0052B3



001833

Previews

White Background



This preview shows how the Hex color E68C23 looks on a white background.

Color Contrast Check

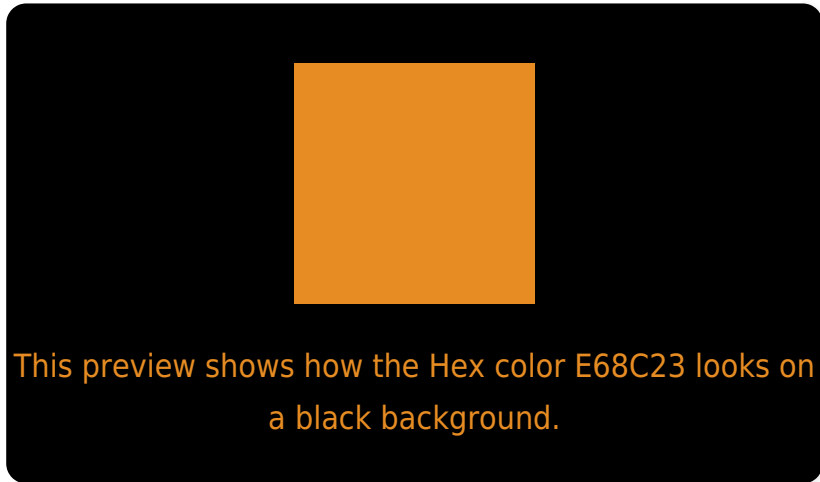
Large Text (above 18pt) WCAG AA × Fail

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 E68C23 Background



This preview shows how black text looks on a background with the Hex color E68C23.



This preview shows how white text looks on a background with the Hex color E68C23.

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
E68C23

Protanopia
B6A229

Deuteranopia
CC991B



Tritanopia
EB838C

Trichromacy



Original Color
E68C23

Protanomaly
C79A27

Deuteranomaly
D5941E

Tritanomaly
E98666

Monochromacy



Original Color
E68C23

Achromatopsia
9B9B9B

Achromatomaly
B6966F

CSS Examples

Text

The CSS property to change the color of the text to Hex E68C23 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 #E68C23 looks like.

```
.text, #text, p{  
    color:#E68C23  
}
```

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 #E68C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E68C23
}
```

Border

The CSS property to change the border of an element to Hex E68C23 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
#E68C23 }
```

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

```
.border{ border-color:#E68C23 }
```

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

Here you see how a box with a 4 pixel #E68C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E68C23; -webkit-box-shadow:4px 4px  
4px 4px #E68C23; box-shadow:4px 4px 4px  
4px #E68C23 }
```

Background

The CSS property to change the background color of an element to Hex E68C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E68C23 }
```

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

```
.background{ background-color:#E68C23 }
```

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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