

Converting Colors

Hex(E8C123)

Have a look what the booklet for
Hex(E8C123) contains.

Hex(E8C123)	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(E8C123)

Conversions

Conversions Part 1

Format	Color
Hex	E8C123
RGB	232, 193, 35
RGB Percent	91%, 76%, 14%
CMY	0.0902, 0.2431, 0.8627
CMYK	0.00, 0.17, 0.85, 0.09
HSL	48°, 81%, 52%
HSV	48°, 85%, 91%
XYZ	52.6520, 55.4171, 9.5116
YIQ	186.6490, 73.9620, -40.8700

Conversions

Conversions Part 2

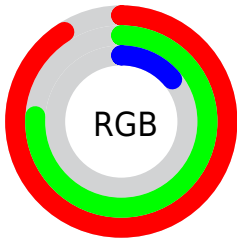
Format	Color
R_{YB}	84, 232, 35
Decimal	15253795
CIE _{Lab}	79.28, -0.05, 75.54
CIE _{LCh}	79, 75.536, 90.040
Yxy	55.4171, 0.4478, 0.4713
Android (android.graphics.Color)	4293443875 (0xFFE8C123)
YUV	186.6490, -74.7630, 39.7728
Hunter-Lab	74.4427, -4.0246, 44.5343

Details

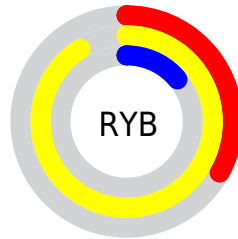
The Hex color **E8C123** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **234AE8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF962**, and **AC8C00** is the 20% darker color. If you saturate the color by 10%, you get **E8BC0C**, and if you desaturate by 10%, it is **E8C63A**.

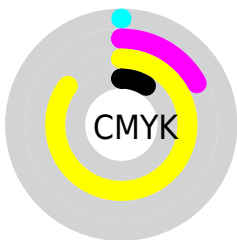
Distribution



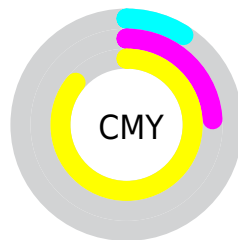
- Red (91%)
- Green (76%)
- Blue (14%)



- Red (33%)
- Yellow (91%)
- Blue (14%)



- Cyan (0%)
- Magenta (17%)
- Yellow (85%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8C123 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 E8C123 by changing the saturation by 10% instead.

 E8C123

 E8C123

FFFFFF

 CAA600

 FFF962

 AC8C00

 FFFF7E

 8E7300

 FFFF9A

 725A00

 FFFFB7

 554300

 FFFFD4

 3B2E00

 FFFFF2

 221900

 000000

 E8C123

 E8C123

 E8BC0C

 E8C63A

 E8BA00

 E8CA51

 E8CF69

 E8D380

 E8D897

 E8DDAE

 E8E1C5

 E8E6DD

 E8EAF4

Harmonies

Analogous

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



FFA648



E8C123



A2D53E

Triad

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



E8C123



00E5FF



FF93FF

Complementary

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



E8C123



234AE8

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.



C4B2FF



E8C123



00DDFF

Square

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



E8C123



00E5C2



00CCFF



FF80C7

Rectangle

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



E8C123



63DD64



00CCFF



FF9DFF

Sweetspot

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



E8C123



FFF2BF



E8234A



807859



000000



808080

Same Dimension

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



E8C123



FFCD00



ADE823



737067



B38F00



332900

Inverse Universe

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



234AE8



0032FF



5E23E8



676A73



0023B3



000A33

Previews

White Background



This preview shows how the Hex color E8C123 looks on a white background.

Color Contrast Check

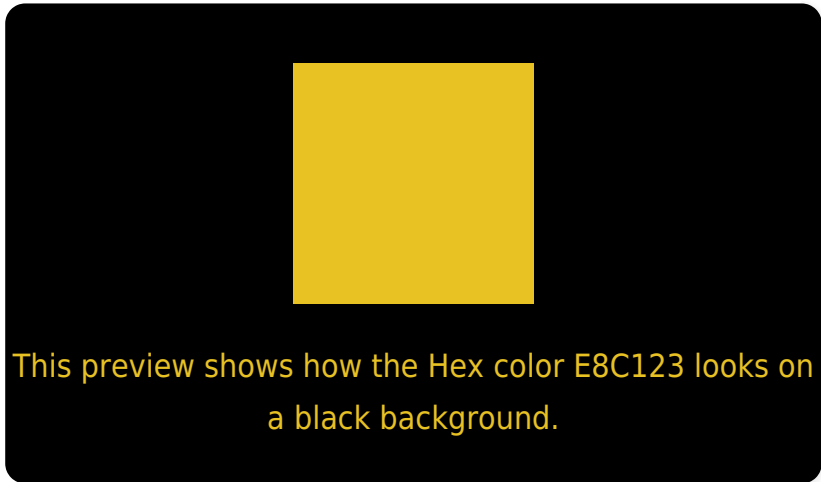
Large Text (above 18pt) WCAG AA × Fail

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 E8C123 Background



This preview shows how black text looks on a background with the Hex color E8C123.



This preview shows how white text looks on a background with the Hex color E8C123.

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
E8C123

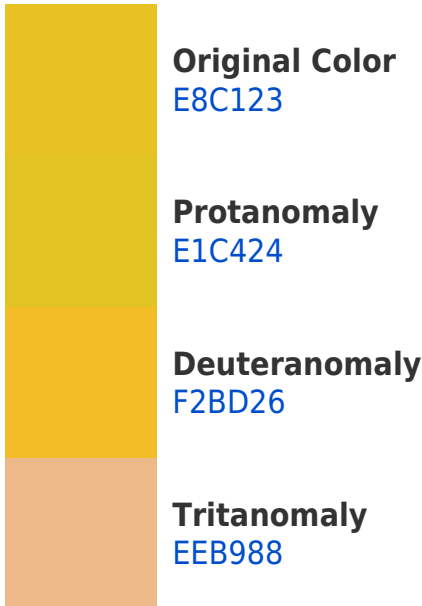
Protanopia
DDC524

Deuteranopia
F8BA27



Tritanopia
F2B4C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E8C123 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 #E8C123 looks like.

```
.text, #text, p{  
    color:#E8C123  
}
```

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 #E8C123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8C123
}
```

Border

The CSS property to change the border of an element to Hex E8C123 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
#E8C123 }
```

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

```
.border{ border-color:#E8C123 }
```

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

Here you see how a box with a 4 pixel #E8C123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8C123; -webkit-box-shadow:4px 4px  
4px 4px #E8C123; box-shadow:4px 4px 4px  
4px #E8C123 }
```

Background

The CSS property to change the background color of an element to Hex E8C123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8C123 }
```

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

```
.background{ background-color:#E8C123 }
```

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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