

Converting Colors

Hex(E5CB38)

Have a look what the booklet for
Hex(E5CB38) contains.

Hex(E5CB38)	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(E5CB38)

Conversions

Conversions Part 1

Format	Color
Hex	E5CB38
RGB	229, 203, 56
RGB Percent	90%, 80%, 22%
CMY	0.1020, 0.2039, 0.7804
CMYK	0.00, 0.11, 0.76, 0.10
HSL	51°, 77%, 56%
HSV	51°, 76%, 90%
XYZ	54.3828, 59.6554, 12.3897
YIQ	194.0160, 62.6830, -40.2050

Conversions

Conversions Part 2

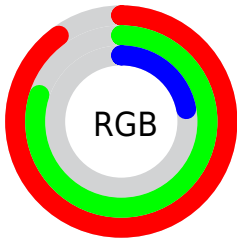
Format	Color
RYB	87, 229, 56
Decimal	15059768
CIELab	81.65, -5.82, 71.45
CIELCh	82, 71.683, 94.653
Yxy	59.6554, 0.4301, 0.4719
Android (android.graphics.Color)	4293249848 (0xFFE5CB38)
YUV	194.0160, -68.0419, 30.6810
Hunter-Lab	77.2369, -9.4820, 44.5550

Details

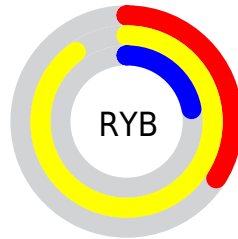
The Hex color **E5CB38** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **3852E5**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF72**, and **A99500** is the 20% darker color. If you saturate the color by 10%, you get **E5C821**, and if you desaturate by 10%, it is **E5CE4F**.

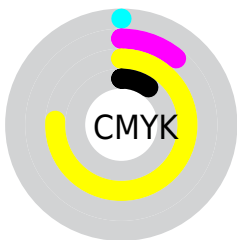
Distribution



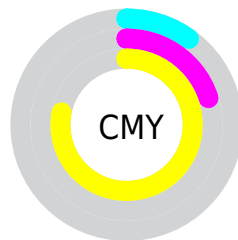
- Red (90%)
- Green (80%)
- Blue (22%)



- Red (34%)
- Yellow (90%)
- Blue (22%)



- Cyan (0%)
- Magenta (11%)
- Yellow (76%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5CB38 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 E5CB38 by changing the saturation by 10% instead.

 E5CB38

 E5CB38

FFFFFF

 C7B013

 FFFF72

 A99500

 FFFF8E

 8C7C00

 FFFFAA

 706300

 FFFFC7

 544C00

 FFFFE4

 3A3500

 212000

 000A00

 000000

 E5CB38

 E5CB38

 E5C821

 E5CE4F

 E5C40A

 E5D266

 E5C300

 E5D57D

 E5D994

 E5DCAB

 E5E0C1

 E5E3D8

 E5E7EF

 E5EAFF

Harmonies

Analogous

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



FFB24F



E5CB38



9FDD55

Triad

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



E5CB38



00EAFB



FF99FF

Complementary

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



E5CB38



3852E5

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.



DBB5FF



E5CB38



00E1FF

Square

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



E5CB38



00EBD4



46CFFF



FF8CC3

Rectangle

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



E5CB38



60E579



46CFFF



FFA2FF

Sweetspot

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



E5CB38



FFF6C4



E53855



807A5C



000000



808080

Same Dimension

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



E5CB38



FFDC17



ABE538



737167



B39800



332B00

Inverse Universe

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



3852E5



173AFF



7238E5



676973



001BB3



000833

Previews

White Background



This preview shows how the Hex color E5CB38 looks on a white background.

Color Contrast Check

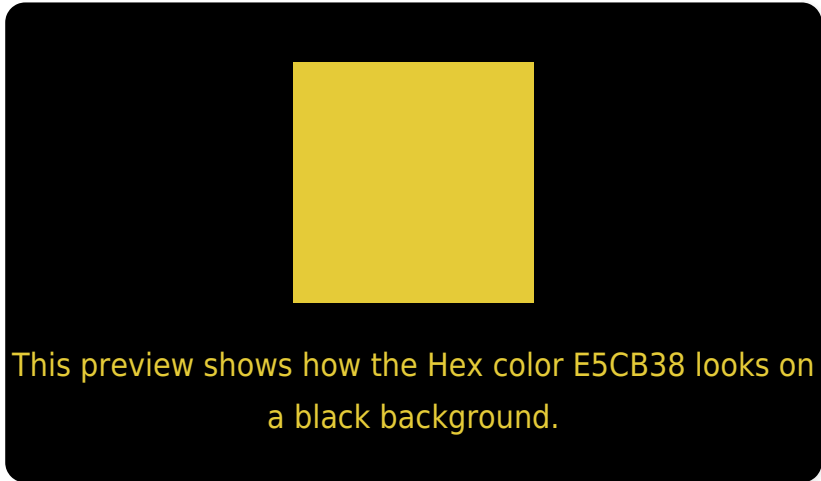
Large Text (above 18pt) WCAG AA × Fail

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 E5CB38 Background



This preview shows how black text looks on a background with the Hex color E5CB38.

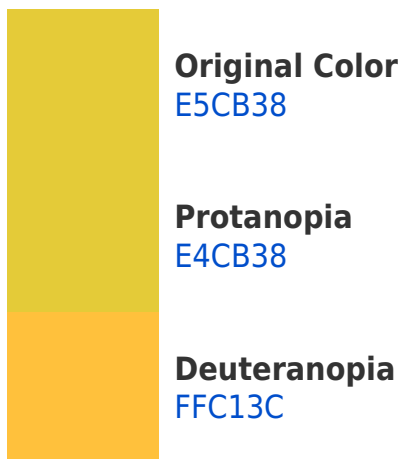


This preview shows how white text looks on a background with the Hex color E5CB38.

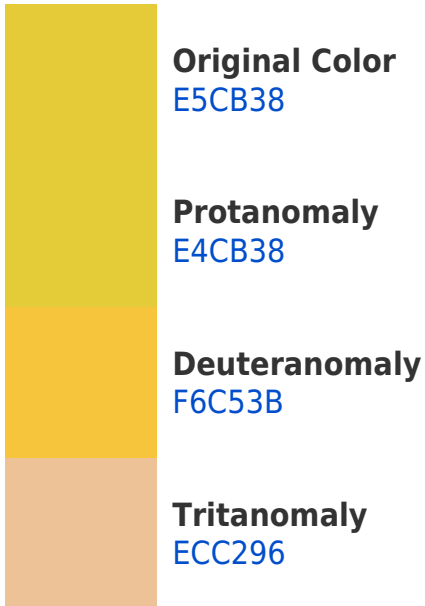
Color Blindness Simulation

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](#).

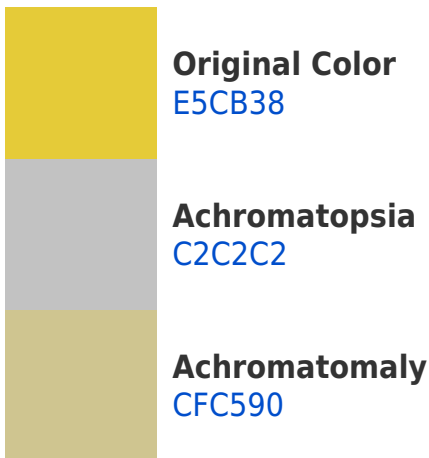
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5CB38 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 #E5CB38 looks like.

```
.text, #text, p{  
    color:#E5CB38  
}
```

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 #E5CB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5CB38
}
```

Border

The CSS property to change the border of an element to Hex E5CB38 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
#E5CB38 }
```

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

```
.border{ border-color:#E5CB38 }
```

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

Here you see how a box with a 4 pixel #E5CB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5CB38; -webkit-box-shadow:4px 4px  
4px 4px #E5CB38; box-shadow:4px 4px 4px  
4px #E5CB38 }
```

Background

The CSS property to change the background color of an element to Hex E5CB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5CB38 }
```

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

```
.background{ background-color:#E5CB38 }
```

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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