

Converting Colors

Hex(ECC117)

Have a look what the booklet for
Hex(ECC117) contains.

Hex(ECC117)	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(ECC117)

Conversions

Conversions Part 1

Format	Color
Hex	ECC117
RGB	236, 193, 23
RGB Percent	93%, 76%, 9%
CMY	0.0745, 0.2431, 0.9098
CMYK	0.00, 0.18, 0.90, 0.07
HSL	48°, 85%, 51%
HSV	48°, 90%, 93%
XYZ	53.8167, 56.0347, 8.7899
YIQ	186.4770, 80.1980, -43.7540

Conversions

Conversions Part 2

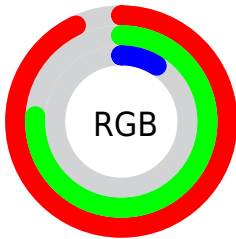
Format	Color
RYB	77, 236, 23
Decimal	15515927
CIELab	79.63, 1.43, 78.45
CIELCh	80, 78.460, 88.953
Yxy	56.0347, 0.4536, 0.4723
Android (android.graphics.Color)	4293706007 (0xFFECC117)
YUV	186.4770, -80.5942, 43.4317
Hunter-Lab	74.8563, -2.6689, 45.4373

Details

The Hex color **ECC117** 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 **1742EC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF95B**, and **AF8C00** is the 20% darker color. If you saturate the color by 10%, you get **ECBC00**, and if you desaturate by 10%, it is **ECC62F**.

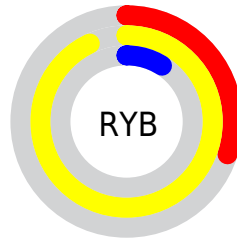
Distribution



Red (93%)

Green (76%)

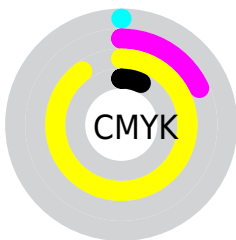
Blue (9%)



Red (30%)

Yellow (93%)

Blue (9%)

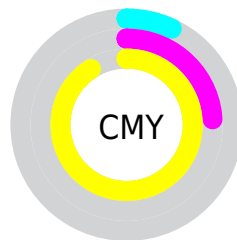


Cyan (0%)

Magenta (18%)

Yellow (90%)

Black (7%)



Cyan (7%)

Magenta (24%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECC117 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 ECC117 by changing the saturation by 10% instead.

 ECC117

 ECC117

FFFFFF

 CDA600

 FFF95B

 AF8C00

 FFFF78

 927300

 FFFF95

 755B00

 FFFFB1

 584300

 FFFFCE

 3D2E00

 FFFFEC

 241900

 000000

 ECC117

 ECC117

 ECBC00

 ECC62F

 ECCB46

 ECCF5E

 ECD475

 ECD98D

 ECDEA5

 ECE2BC

 ECE7D4

 ECECEB

Harmonies

Analogous

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



FFA445



ECC117



A4D635

Triad

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



ECC117



00E7FF



FF92FF

Complementary

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



ECC117



1742EC

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.



BFB3FF



ECC117



00E0FF

Square

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



ECC117



00E7C0



00CFFF



FF7DCB

Rectangle

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



ECC117



63DF5F



00CFFF



FF9DFF

Sweetspot

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



ECC117



FFF1BA



EC1745



807757



000000



808080

Same Dimension

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



ECC117



FFCC00



B0EC17



75736A



B59000



362B00

Inverse Universe

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



1742EC



0033FF



5317EC



6A6C75



0025B5



000B36

Previews

White Background



This preview shows how the Hex color ECC117 looks on a white background.

Color Contrast Check

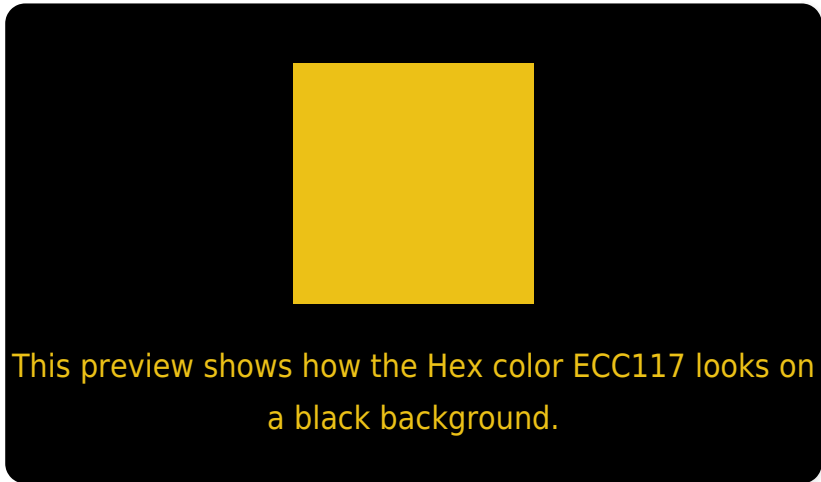
Large Text (above 18pt) WCAG AA × Fail

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 ECC117 Background



This preview shows how black text looks on a background with the Hex color ECC117.



This preview shows how white text looks on a background with the Hex color ECC117.

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
ECC117

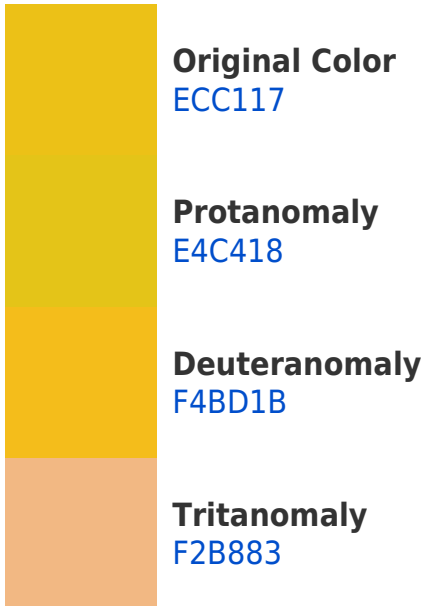
Protanopia
DFC619

Deuteranopia
F9BB1D



Tritanopia
F6B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECC117 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 #ECC117 looks like.

```
.text, #text, p{  
    color:#ECC117  
}
```

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 #ECC117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECC117
}
```

Border

The CSS property to change the border of an element to Hex ECC117 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
#ECC117 }
```

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

```
.border{ border-color:#ECC117 }
```

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

Here you see how a box with a 4 pixel #ECC117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECC117; -webkit-box-shadow:4px 4px  
4px 4px #ECC117; box-shadow:4px 4px 4px  
4px #ECC117 }
```

Background

The CSS property to change the background color of an element to Hex ECC117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECC117 }
```

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

```
.background{ background-color:#ECC117 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor