

Converting Colors

Hex(ECC25C)

Have a look what the booklet for
Hex(ECC25C) contains.

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Color

Hex(ECC25C)

Conversions

Conversions Part 1

Format	Color
Hex	ECC25C
RGB	236, 194, 92
RGB Percent	93%, 76%, 36%
CMY	0.0745, 0.2392, 0.6392
CMYK	0.00, 0.18, 0.61, 0.07
HSL	42°, 79%, 64%
HSV	42°, 61%, 93%
XYZ	55.8156, 57.1891, 18.2220
YIQ	194.9300, 57.7740, -22.8180

Conversions

Conversions Part 2

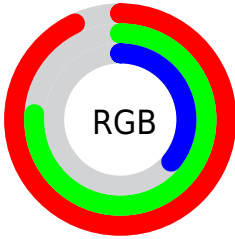
Format	Color
RYB	151, 236, 92
Decimal	15516252
CIELab	80.29, 3.68, 55.79
CIELCh	80, 55.916, 86.226
Yxy	57.1891, 0.4253, 0.4358
Android (android.graphics.Color)	4293706332 (0xFFECC25C)
YUV	194.9300, -50.7445, 36.0184
Hunter-Lab	75.6235, -0.5952, 38.6501

Details

The Hex color **ECC25C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5C86EC**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFA91**, and **B18D27** is the 20% darker color. If you saturate the color by 10%, you get **ECBB44**, and if you desaturate by 10%, it is **ECC974**.

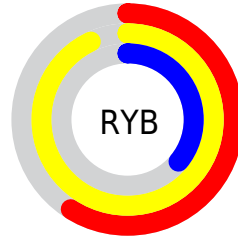
Distribution



Red (93%)

Green (76%)

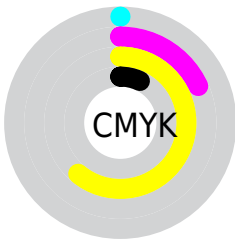
Blue (36%)



Red (59%)

Yellow (93%)

Blue (36%)

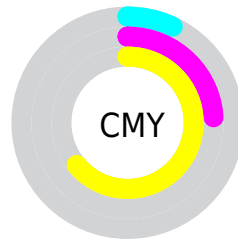


Cyan (0%)

Magenta (18%)

Yellow (61%)

Black (7%)



Cyan (7%)

Magenta (24%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECC25C 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 ECC25C by changing the saturation by 10% instead.

 ECC25C

 ECC25C

FFFFFF

 CEA742

 FFFA91

 B18D27

 FFFFAD

 947303

 FFFFC9

 785B00

 FFFF E6

 5D4400

 422E00

 281A00

 0B0000

 000000

 ECC25C

 ECC25C

 ECBB44

 ECC974

 ECB42D

 ECD08B

 ECAD15

 ECD7A3

 ECA700

 ECDEBA

 ECE4D2

 ECEBEA

 ECF2FF

 ECF9FF

 ECFFFF

Harmonies

Analogous

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



FFAF71



ECC25C



B8D266

Triad

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



ECC25C



00E1F4



FFA8FF

Complementary

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



ECC25C



5C86EC

Split Complementary

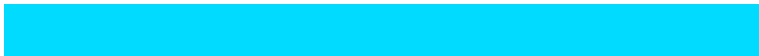
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C1BCFF



ECC25C



00DBFF

Square

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



ECC25C



00E1BF



57CFFF



FF9CD0

Rectangle

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



ECC25C



8FD97C



57CFFF



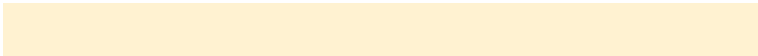
EFAEFF

Sweetspot

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



ECC25C



FFF2D1



EC5C87



807763



000000



808080

Same Dimension

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



ECC25C



FFC945



CFEC5C



75726A



B58000



362600

Inverse Universe

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



5C86EC



457BFF



795CEC



6A6D75



0035B5



001036

Previews

White Background



This preview shows how the Hex color ECC25C looks on a white background.

Color Contrast Check

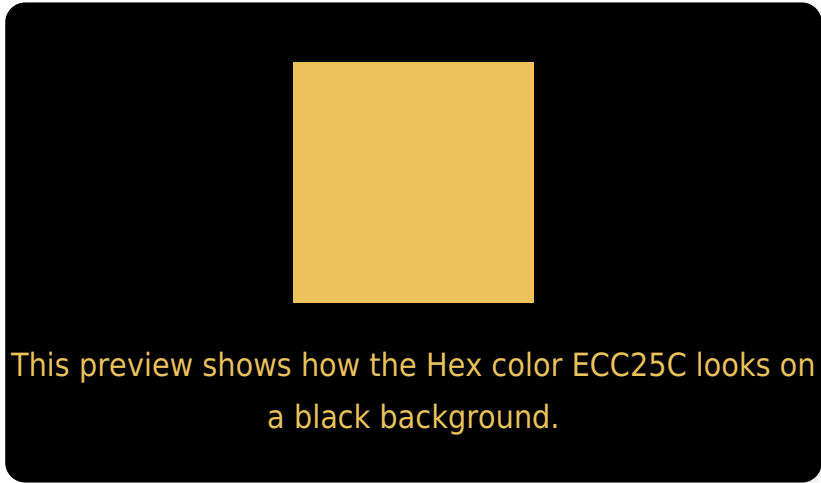
Large Text (above 18pt) WCAG AA × Fail

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 ECC25C Background



This preview shows how black text looks on a background with the Hex color ECC25C.



This preview shows how white text looks on a background with the Hex color ECC25C.

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
ECC25C

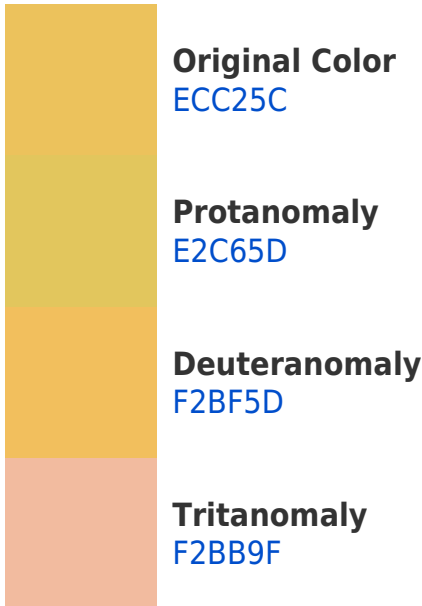
Protanopia
DDC85E

Deuteranopia
F6BE5D

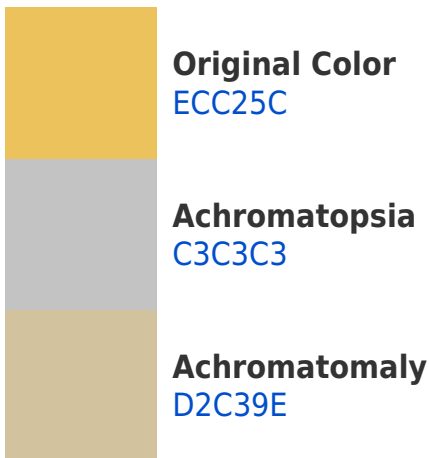


Tritanopia
F5B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ECC25C 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 #ECC25C looks like.

```
.text, #text, p{  
    color:#ECC25C  
}
```

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 #ECC25C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECC25C
}
```

Border

The CSS property to change the border of an element to Hex ECC25C 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
#ECC25C }
```

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

```
.border{ border-color:#ECC25C }
```

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

Here you see how a box with a 4 pixel #ECC25C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECC25C; -webkit-box-shadow:4px 4px  
4px 4px #ECC25C; box-shadow:4px 4px 4px  
4px #ECC25C }
```

Background

The CSS property to change the background color of an element to Hex ECC25C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECC25C }
```

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

```
.background{ background-color:#ECC25C }
```

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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