

Converting Colors

Hex(E5CC10)

Have a look what the booklet for
Hex(E5CC10) contains.

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Color

Hex(E5CC10)

Conversions

Conversions Part 1

Format	Color
Hex	E5CC10
RGB	229, 204, 16
RGB Percent	90%, 80%, 6%
CMY	0.1020, 0.2000, 0.9373
CMYK	0.00, 0.11, 0.93, 0.10
HSL	53°, 87%, 48%
HSV	53°, 93%, 90%
XYZ	53.9995, 59.8812, 9.2024
YIQ	190.0430, 75.2480, -53.1680

Conversions

Conversions Part 2

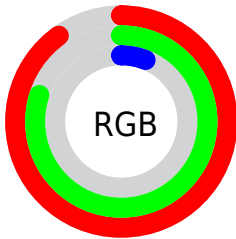
Format	Color
RYB	44, 229, 16
Decimal	15059984
CIELab	81.77, -7.32, 80.81
CIELCh	82, 81.137, 95.178
Yxy	59.8812, 0.4387, 0.4865
Android (android.graphics.Color)	4293250064 (0xFFE5CC10)
YUV	190.0430, -85.8032, 34.1653
Hunter-Lab	77.3829, -10.8589, 47.1173

Details

The Hex color **E5CC10** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1029E5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF5A**, and **A99600** is the 20% darker color. If you saturate the color by 10%, you get **E5CA00**, and if you desaturate by 10%, it is **E5CF27**.

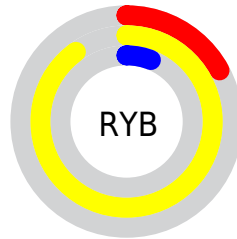
Distribution



Red (90%)

Green (80%)

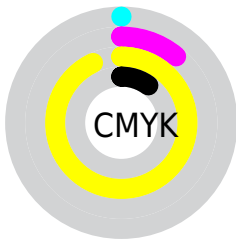
Blue (6%)



Red (17%)

Yellow (90%)

Blue (6%)

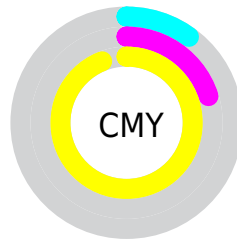


Cyan (0%)

Magenta (11%)

Yellow (93%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5CC10 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 E5CC10 by changing the saturation by 10% instead.

 E5CC10

 E5CC10

FFFFFF

 C7B100

 FFFF5A

 A99600

 FFFF77

 8B7D00

 FFFF94

 6F6400

 FFFFB1

 534D00

 FFFFCF

 383600

 FFFFEC

 1F2100

 000C00

 000000

 E5CC10

 E5CC10

 E5CA00

 E5CF27

 E5D13E

 E5D455

 E5D76C

 E5D983

 E5DC99

 E5DFB0

 E5E2C7

 E5E4DE

Harmonies

Analogous

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



FFB039



E5CC10



96E042

Triad

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



E5CC10



00EDFF



FF8FFF

Complementary

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



E5CC10



1029E5

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.



DEB1FF



E5CC10



00E4FF

Square

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



E5CC10



00EFD7



00D0FF



FF7FC1

Rectangle

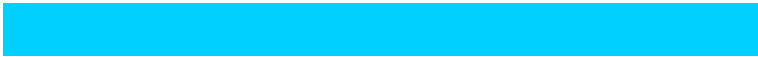
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5CC10



43E86F



00D0FF



FF9AFF

Sweetspot

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



E5CC10



FFF7B8



E5102C



807A54



000000



808080

Same Dimension

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



E5CC10



FFE100



97E510



737167



B39E00



332D00

Inverse Universe

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



1029E5



001EFF



5E10E5



676973



0015B3



000633

Previews

White Background



This preview shows how the Hex color E5CC10 looks on a white background.

Color Contrast Check

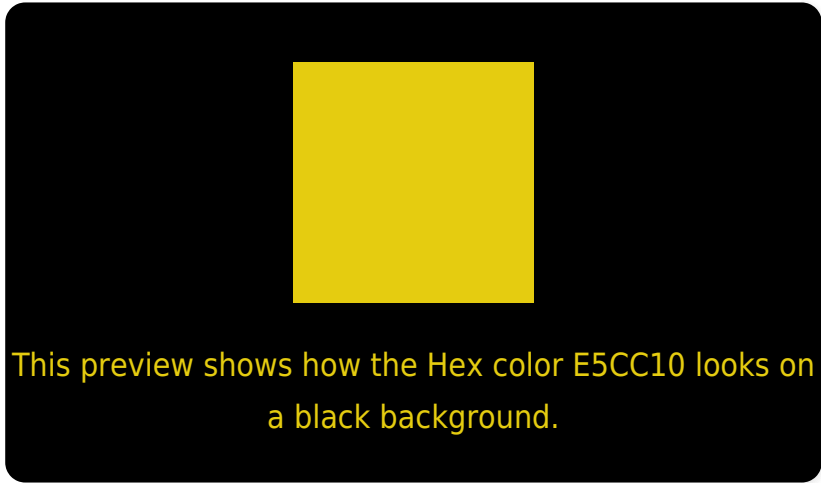
Large Text (above 18pt) WCAG AA × Fail

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 E5CC10 Background



This preview shows how black text looks on a background with the Hex color E5CC10.



This preview shows how white text looks on a background with the Hex color E5CC10.

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

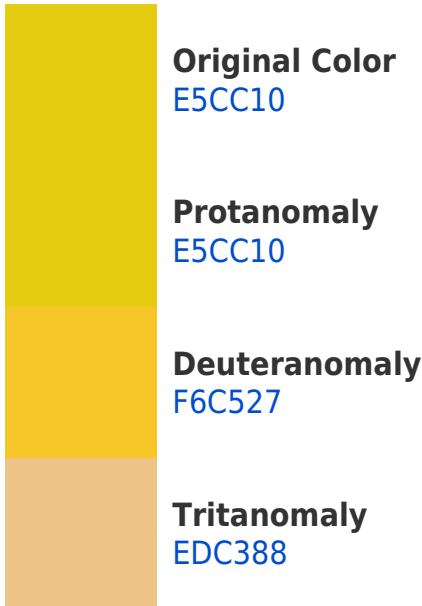


Original Color
E5CC10

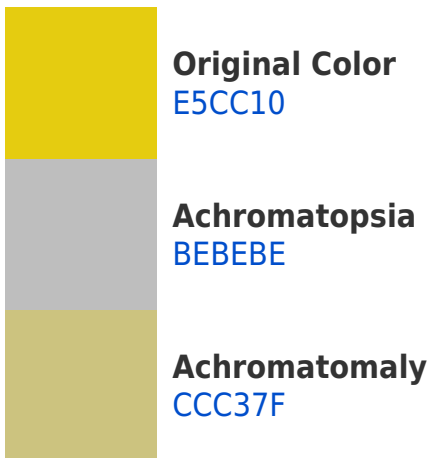
Protanopia
E5CC10

Deuteranopia
FFC134

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5CC10 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 #E5CC10 looks like.

```
.text, #text, p{  
    color:#E5CC10  
}
```

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 #E5CC10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5CC10
}
```

Border

The CSS property to change the border of an element to Hex E5CC10 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
#E5CC10 }
```

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

```
.border{ border-color:#E5CC10 }
```

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

Here you see how a box with a 4 pixel #E5CC10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5CC10; -webkit-box-shadow:4px 4px  
4px 4px #E5CC10; box-shadow:4px 4px 4px  
4px #E5CC10 }
```

Background

The CSS property to change the background color of an element to Hex E5CC10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5CC10 }
```

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

```
.background{ background-color:#E5CC10 }
```

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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