

Converting Colors

Hex(E1C720)

Have a look what the booklet for
Hex(E1C720) contains.

Hex(E1C720)	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(E1C720)

Conversions

Conversions Part 1

Format	Color
Hex	E1C720
RGB	225, 199, 32
RGB Percent	88%, 78%, 13%
CMY	0.1176, 0.2196, 0.8745
CMYK	0.00, 0.12, 0.86, 0.12
HSL	52°, 76%, 50%
HSV	52°, 86%, 88%
XYZ	51.7355, 56.9587, 9.6339
YIQ	187.7360, 69.1030, -46.4250

Conversions

Conversions Part 2

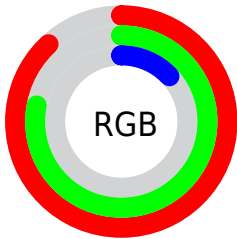
Format	Color
RYB	62, 225, 32
Decimal	14796576
CIELab	80.16, -6.22, 76.67
CIELCh	80, 76.919, 94.640
Yxy	56.9587, 0.4372, 0.4814
Android (android.graphics.Color)	4292986656 (0xFFE1C720)
YUV	187.7360, -76.7778, 32.6805
Hunter-Lab	75.4710, -9.7122, 45.2613

Details

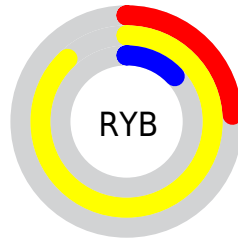
The Hex color **E1C720** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **203AE1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF60**, and **A59200** is the 20% darker color. If you saturate the color by 10%, you get **E1C40A**, and if you desaturate by 10%, it is **E1CA37**.

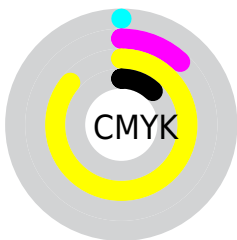
Distribution



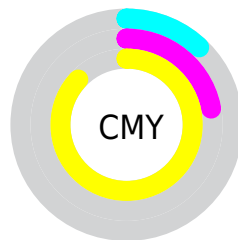
- Red (88%)
- Green (78%)
- Blue (13%)



- Red (24%)
- Yellow (88%)
- Blue (13%)



- Cyan (0%)
- Magenta (12%)
- Yellow (86%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1C720 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 E1C720 by changing the saturation by 10% instead.

 E1C720

 E1C720

FFFFFF

 C3AC00

 FFFF60

 A59200

 FFFF7D

 887800

 FFFF9A

 6C6000

 FFFFB6

 504800

 FFFFD4

 353200

 FFFFF1

 1D1D00

 000100

 000000

 E1C720

 E1C720

 E1C40A

 E1CA37

 E1C300

 E1CD4D

 E1D064

 E1D37A

 E1D691

 E1D9A7

 E1DCBE

 E1DFD4

 E1E2EB

Harmonies

Analogous

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



FFAC3F



E1C720



96DA45

Triad

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



E1C720



00E7FF



FF90FF

Complementary

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



E1C720



203AE1

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.



D7AFFF



E1C720



00DEFF

Square

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



E1C720



00E9D0



00CBFF



FF81BF

Rectangle

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



E1C720



4EE26F



00CBFF



FF99FF

Sweetspot

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



E1C720



FFF6BD



E1203D



807A58



000000



808080

Same Dimension

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



E1C720



FFDD00



9DE120



706F65



B09800



302A00

Inverse Universe

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



203AE1



0022FF



6420E1



656670



0018B0



000730

Previews

White Background



This preview shows how the Hex color E1C720 looks on a white background.

Color Contrast Check

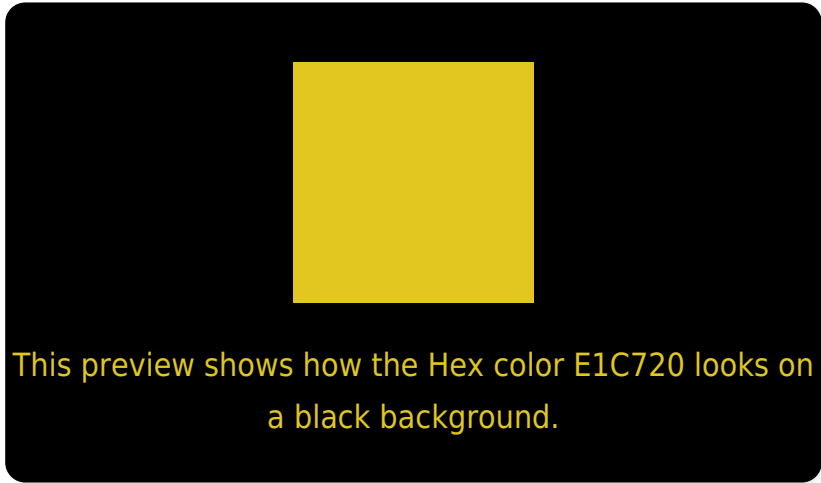
Large Text (above 18pt) WCAG AA × Fail

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 E1C720 Background



This preview shows how black text looks on a background with the Hex color E1C720.



This preview shows how white text looks on a background with the Hex color E1C720.

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
E1C720

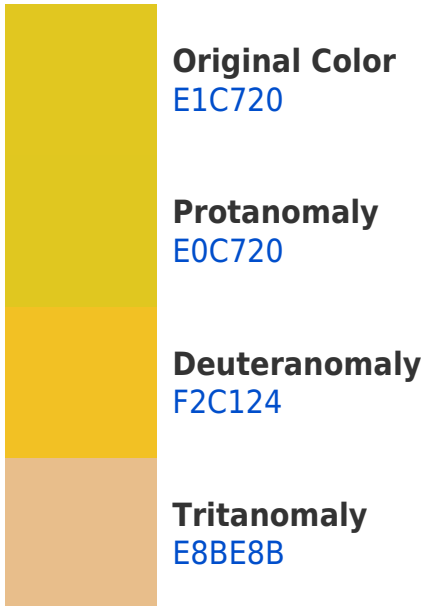
Protanopia
E0C720

Deuteranopia
FBBD27



Tritanopia
ECB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1C720 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 #E1C720 looks like.

```
.text, #text, p{  
    color:#E1C720  
}
```

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 #E1C720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1C720
}
```

Border

The CSS property to change the border of an element to Hex E1C720 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
#E1C720 }
```

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

```
.border{ border-color:#E1C720 }
```

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

Here you see how a box with a 4 pixel #E1C720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1C720; -webkit-box-shadow:4px 4px  
4px 4px #E1C720; box-shadow:4px 4px 4px  
4px #E1C720 }
```

Background

The CSS property to change the background color of an element to Hex E1C720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1C720 }
```

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

```
.background{ background-color:#E1C720 }
```

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