

Converting Colors

Hex(E6CC22)

Have a look what the booklet for
Hex(E6CC22) contains.

Hex(E6CC22)	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(E6CC22)

Conversions

Conversions Part 1

Format	Color
Hex	E6CC22
RGB	230, 204, 34
RGB Percent	90%, 80%, 13%
CMY	0.0980, 0.2000, 0.8667
CMYK	0.00, 0.11, 0.85, 0.10
HSL	52°, 80%, 52%
HSV	52°, 85%, 90%
XYZ	54.5147, 60.1242, 10.2453
YIQ	192.3940, 70.0660, -47.3580

Conversions

Conversions Part 2

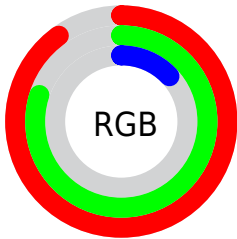
Format	Color
R _Y B	64, 230, 34
Decimal	15125538
CIE Lab	81.91, -6.58, 77.84
CIE LCh	82, 78.113, 94.832
Yxy	60.1242, 0.4365, 0.4814
Android (android.graphics.Color)	4293315618 (0xFFE6CC22)
YUV	192.3940, -78.0882, 32.9805
Hunter-Lab	77.5398, -10.1994, 46.4439

Details

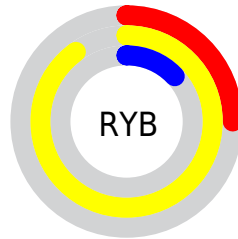
The Hex color **E6CC22** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **223CE6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFF62**, and **AA9600** is the 20% darker color. If you saturate the color by 10%, you get **E6C90B**, and if you desaturate by 10%, it is **E6CF39**.

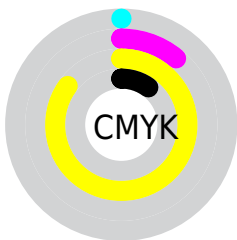
Distribution



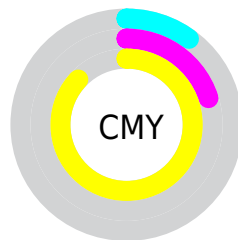
- Red (90%)
- Green (80%)
- Blue (13%)



- Red (25%)
- Yellow (90%)
- Blue (13%)



- Cyan (0%)
- Magenta (11%)
- Yellow (85%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6CC22 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 E6CC22 by changing the saturation by 10% instead.

 E6CC22

 E6CC22

FFFFFF

 C8B100

 FFFF62

 AA9600

 FFFF7F

 8D7D00

 FFFF9C

 706400

 FFFFB9

 544D00

 FFFFD6

 393600

 FFFFF4

 202100

 000C00

 000000

 E6CC22

 E6CC22

 E6C90B

 E6CF39

 E6C700

 E6D250

 E6D567

 E6D87E

 E6DB95

 E6DEAC

 E6E1C3

 E6E4DA

 E6E7F1

Harmonies

Analogous

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



FFB141



E6CC22



9ADF48

Triad

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



E6CC22



00EDFF



FF93FF

Complementary

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



E6CC22



223CE6

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.



DDB3FF



E6CC22



00E4FF

Square

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



E6CC22



00EED6



00D0FF



FF84C3

Rectangle

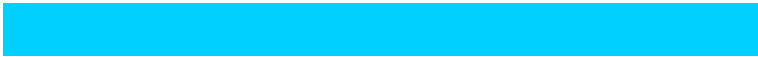
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E6CC22



4FE772



00D0FF



FF9DFF

Sweetspot

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



E6CC22



FFF6BD



E6223C



807A58



000000



808080

Same Dimension

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



E6CC22



FFDD00



9EE622



737167



B39B00



332C00

Inverse Universe

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



223CE6



0022FF



6A22E6



676973



0018B3



000733

Previews

White Background



This preview shows how the Hex color E6CC22 looks on a white background.

Color Contrast Check

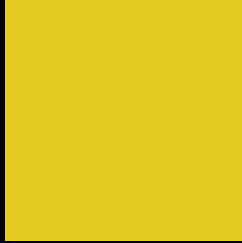
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E6CC22 looks on a 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 E6CC22 Background



This preview shows how black text looks on a background with the Hex color E6CC22.



This preview shows how white text looks on a background with the Hex color E6CC22.

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
E6CC22

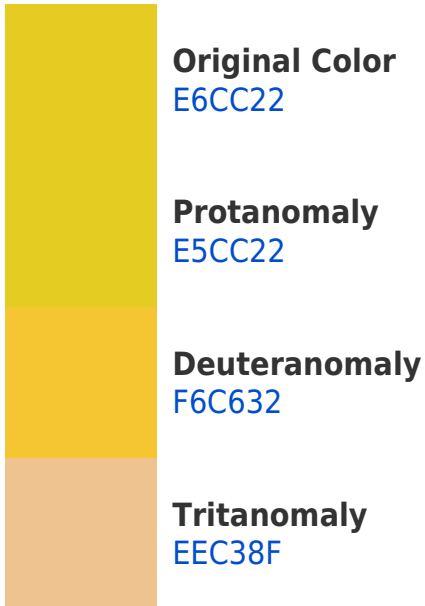
Protanopia
E5CC22

Deuteranopia
FFC23B

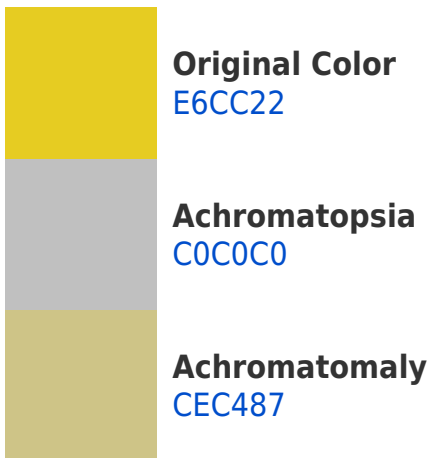


Tritanopia
F2BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6CC22 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 #E6CC22 looks like.

```
.text, #text, p{  
    color:#E6CC22  
}
```

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 #E6CC22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CC22
}
```

Border

The CSS property to change the border of an element to Hex E6CC22 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
#E6CC22 }
```

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

```
.border{ border-color:#E6CC22 }
```

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

Here you see how a box with a 4 pixel #E6CC22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CC22; -webkit-box-shadow:4px 4px  
4px 4px #E6CC22; box-shadow:4px 4px 4px  
4px #E6CC22 }
```

Background

The CSS property to change the background color of an element to Hex E6CC22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CC22 }
```

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

```
.background{ background-color:#E6CC22 }
```

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