

Converting Colors

Hex(E9CC05)

Have a look what the booklet for
Hex(E9CC05) contains.

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Color

Hex(E9CC05)

Conversions

Conversions Part 1

Format	Color
Hex	E9CC05
RGB	233, 204, 5
RGB Percent	91%, 80%, 2%
CMY	0.0863, 0.2000, 0.9804
CMYK	0.00, 0.12, 0.98, 0.09
HSL	52°, 96%, 47%
HSV	52°, 98%, 91%
XYZ	55.2245, 60.5203, 8.9145
YIQ	189.9850, 81.1630, -55.7410

Conversions

Conversions Part 2

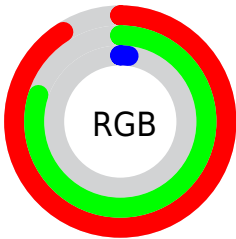
Format	Color
R _Y B	38, 233, 5
Decimal	15322117
CIE Lab	82.12, -5.71, 82.33
CIE LCh	82, 82.526, 93.967
Yxy	60.5203, 0.4430, 0.4855
Android (android.graphics.Color)	4293512197 (0xFFE9CC05)
YUV	189.9850, -91.1976, 37.7242
Hunter-Lab	77.7948, -9.4284, 47.6623

Details

The Hex color **E9CC05** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle washed yellow. A complement of this color would be **0522E9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF57**, and **AC9600** is the 20% darker color. If you saturate the color by 10%, you get **E9CB00**, and if you desaturate by 10%, it is **E9CF1C**.

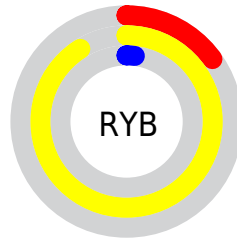
Distribution



Red (91%)

Green (80%)

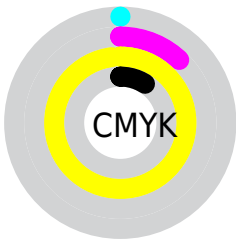
Blue (2%)



Red (15%)

Yellow (91%)

Blue (2%)

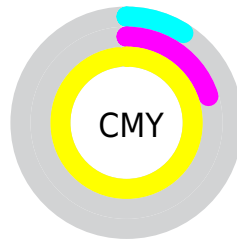


Cyan (0%)

Magenta (12%)

Yellow (98%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9CC05 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 E9CC05 by changing the saturation by 10% instead.

 E9CC05

 E9CC05

FFFFFF

 CAB100

 FFFF57

 AC9600

 FFFF75

 8F7D00

 FFFF92

 726400

 FFFFAF

 564D00

 FFFFCC

 3B3600

 FFFFEA

 222100

 000C00

 000000

 E9CC05

 E9CC05

 E9CB00

 E9CF1C

 E9D234

 E9D54B

 E9D862

 E9DB7A

 E9DE91

 E9E1A8

 E9E4BF

 E9E7D7

Harmonies

Analogous

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



FFAF39



E9CC05



99E03D

Triad

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



E9CC05



00EFFF



FF90FF

Complementary

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



E9CC05



0522E9

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.



DAB3FF



E9CC05



00E6FF

Square

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



E9CC05



00F0D5



00D2FF



FF7EC5

Rectangle

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



E9CC05



48E96B



00D2FF



FF9BFF

Sweetspot

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



E9CC05



FFF6B5



E90523



807A53



000000



808080

Same Dimension

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



E9CC05



FFDF00



95E905



75746A



B59E00



362F00

Inverse Universe

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



0522E9



0020FF



5905E9



6A6B75



0017B5



000736

Previews

White Background



This preview shows how the Hex color E9CC05 looks on a white background.

Color Contrast Check

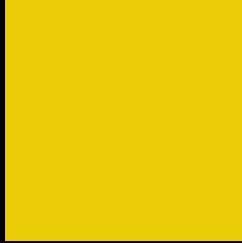
Large Text (above 18pt) WCAG AA × Fail

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 E9CC05 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 E9CC05 Background



This preview shows how black text looks on a background with the Hex color E9CC05.

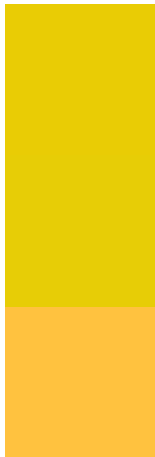


This preview shows how white text looks on a background with the Hex color E9CC05.

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

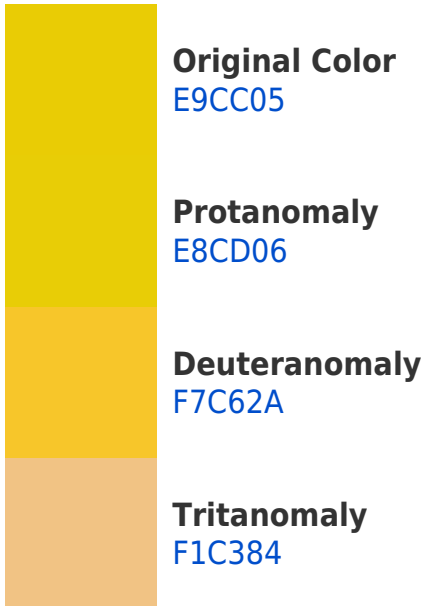


Original Color
E9CC05

Protanopia
E7CD06

Deuteranopia
FFC23F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9CC05 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 #E9CC05 looks like.

```
.text, #text, p{  
    color:#E9CC05  
}
```

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 #E9CC05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9CC05
}
```

Border

The CSS property to change the border of an element to Hex E9CC05 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
#E9CC05 }
```

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

```
.border{ border-color:#E9CC05 }
```

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

Here you see how a box with a 4 pixel #E9CC05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9CC05; -webkit-box-shadow:4px 4px  
4px 4px #E9CC05; box-shadow:4px 4px 4px  
4px #E9CC05 }
```

Background

The CSS property to change the background color of an element to Hex E9CC05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9CC05 }
```

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

```
.background{ background-color:#E9CC05 }
```

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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