

Converting Colors

Hex(EEC04D)

Have a look what the booklet for
Hex(EEC04D) contains.

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Color

Hex(EEC04D)

Conversions

Conversions Part 1	
Format	Color
Hex	EEC04D
RGB	238, 192, 77
RGB Percent	93%, 75%, 30%
CMY	0.0667, 0.2471, 0.6980
CMYK	0.00, 0.19, 0.68, 0.07
HSL	43°, 83%, 62%
HSV	43°, 68%, 93%
XYZ	55.4491, 56.4122, 14.9873
YIQ	192.6440, 64.3310, -26.0130

Conversions

Conversions Part 2

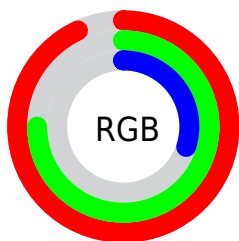
Format	Color
RYB	141, 238, 77
Decimal	15646797
CIELab	79.85, 4.65, 61.99
CIELCh	80, 62.164, 85.710
Yxy	56.4122, 0.4371, 0.4447
Android (android.graphics.Color)	4293836877 (0xFFEEC04D)
YUV	192.6440, -57.0125, 39.7772
Hunter-Lab	75.1081, 0.3398, 40.7447

Details

The Hex color **EEC04D** 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 **4D7BEE**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF883**, and **B28B10** is the 20% darker color. If you saturate the color by 10%, you get **EEB935**, and if you desaturate by 10%, it is **EEC765**.

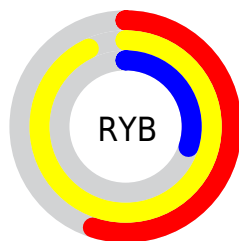
Distribution



Red (93%)

Green (75%)

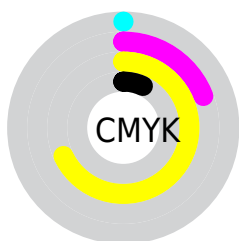
Blue (30%)



Red (55%)

Yellow (93%)

Blue (30%)

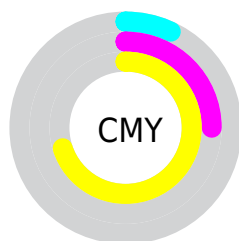


Cyan (0%)

Magenta (19%)

Yellow (68%)

Black (7%)



Cyan (7%)

Magenta (25%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEC04D 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 EEC04D by changing the saturation by 10% instead.

 EEC04D

FFFFFF

 FFF883

 FFFF9F

 FFFFBB

 FFFFD7

 FFFFF4

 EEC04D

 D0A531

 B28B10

 957200

 795900

 5D4200

 422C00

 281800

 0A0000

 000000

 EEC04D

 EEC04D

 EEB935

 EEC765

 EEB21D

 EECE7D

 EEAC06

 EED494

 EEAA00

 EEDBAC

 EEE2C4

 EEE9DC

 EE0F4

 EE6FF

 EEFDF

Harmonies

Analogous

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



FFAA67



EEC04D



B5D258

Triad

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



EEC04D



00E2F7



FFA3FF

Complementary

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



EEC04D



4D7BEE

Split Complementary

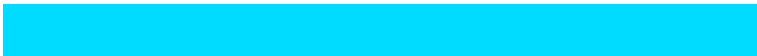
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BBBAFF



EEC04D



00DCFF

Square

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



EEC04D



00E2BB



22CFFF



FF94D1

Rectangle

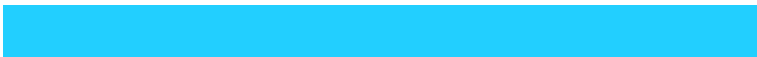
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEC04D



88DA71



22CFFF



F1AAFF

Sweetspot

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



EEC04D



FFF0CC



EE4D7D



807761



000000



808080

Same Dimension

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



EEC04D



FFC430



CEEE4D



78746C



B88300



382800

Inverse Universe

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



4D7BEE



306BFF



6D4DEE



6C6F78



0034B8



001038

Previews

White Background



This preview shows how the Hex color EEC04D looks on a white background.

Color Contrast Check

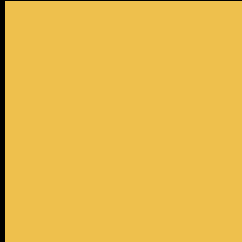
Large Text (above 18pt) WCAG AA × Fail

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 EEC04D 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 EEC04D Background



This preview shows how black text looks on a background with the Hex color EEC04D.



This preview shows how white text looks on a background with the Hex color EEC04D.

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
EEC04D





Protanopia
DDC64F

Deuteranopia
F7BC4E


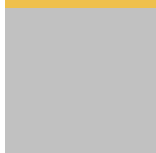



Tritanopia
F7B4C2

Trichromacy

	Original Color EEC04D
	Protanomaly E3C44E
	Deuteranomaly F4BD4E
	Tritanomaly F4B897

Monochromacy

	Original Color EEC04D
	Achromatopsia C1C1C1
	Achromatomaly D1C197

CSS Examples

Text

The CSS property to change the color of the text to Hex EEC04D 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 #EEC04D looks like.

```
.text, #text, p{  
    color:#EEC04D  
}
```

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 #EEC04D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC04D
}
```

Border

The CSS property to change the border of an element to Hex EEC04D 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
#EEC04D }
```

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

```
.border{ border-color:#EEC04D }
```

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

Here you see how a box with a 4 pixel #EEC04D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC04D; -webkit-box-shadow:4px 4px  
4px 4px #EEC04D; box-shadow:4px 4px 4px  
4px #EEC04D }
```

Background

The CSS property to change the background color of an element to Hex EEC04D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC04D }
```

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

```
.background{ background-color:#EEC04D }
```

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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