

Converting Colors

Hex(EEC904)

Have a look what the booklet for
Hex(EEC904) contains.

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Color

Hex(EEC904)

Conversions

Conversions Part 1

Format	Color
Hex	EEC904
RGB	238, 201, 4
RGB Percent	93%, 79%, 2%
CMY	0.0667, 0.2118, 0.9843
CMYK	0.00, 0.16, 0.98, 0.07
HSL	51°, 97%, 47%
HSV	51°, 98%, 93%
XYZ	56.1685, 59.9592, 8.7278
YIQ	189.6050, 85.2890, -53.4230

Conversions

Conversions Part 2

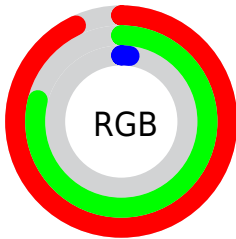
Format	Color
R _Y B	48, 238, 4
Decimal	15649028
CIE Lab	81.82, -2.03, 82.41
CIE LCh	82, 82.440, 91.414
Yxy	59.9592, 0.4499, 0.4802
Android (android.graphics.Color)	4293839108 (0xFFEEC904)
YUV	189.6050, -91.5033, 42.4424
Hunter-Lab	77.4333, -6.0283, 47.5206

Details

The Hex color **EEC904** 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 **0429EE**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF56**, and **B19400** is the 20% darker color. If you saturate the color by 10%, you get **EEC800**, and if you desaturate by 10%, it is **EECD1C**.

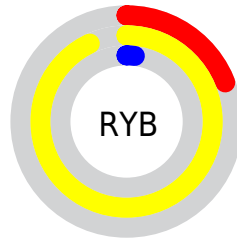
Distribution



Red (93%)

Green (79%)

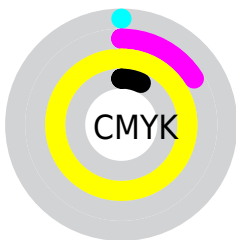
Blue (2%)



Red (19%)

Yellow (93%)

Blue (2%)

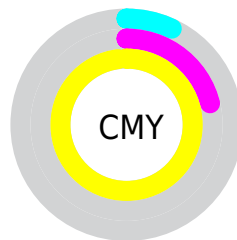


Cyan (0%)

Magenta (16%)

Yellow (98%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color EEC904 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 EEC904 by changing the saturation by 10% instead.

 EEC904

 EEC904

FFFFFF

 CFAE00

 FFFF56

 B19400

 FFFF74

 937A00

 FFFF91

 766200

 FFFFAE

 5A4A00

 FFFFCB

 3F3400

 FFFF E9

 261F00

 050800

 000000

 EEC904

 EEC904

 EEC800

 EECD1C

 EED134

 EED44B

 EED863

 EEDC7B

 EEE093

 EEE3AB

 EEE7C2

 EEEBDA

Harmonies

Analogous

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



FFAB3E



EEC904



A0DE36

Triad

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



EEC904



00EEFF



FF92FF

Complementary

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



EEC904



0429EE

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.



CFB5FF



EEC904



00E6FF

Square

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



EEC904



00EFCF



00D3FF



FF7ECB

Rectangle

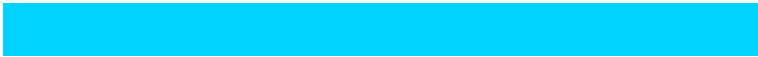
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EEC904



55E764



00D3FF



FF9DFF

Sweetspot

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



EEC904



FFF3B5



EE042B



807853



000000



808080

Same Dimension

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



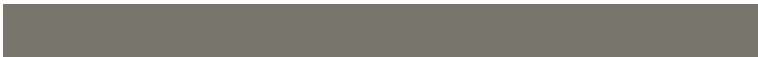
EEC904



FFD700



A0EE04



78766C



B89B00



382F00

Inverse Universe

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



0429EE



0028FF



5204EE



6C6E78



001DB8



000938

Previews

White Background



This preview shows how the Hex color #EEC904 looks on a white background.

Color Contrast Check

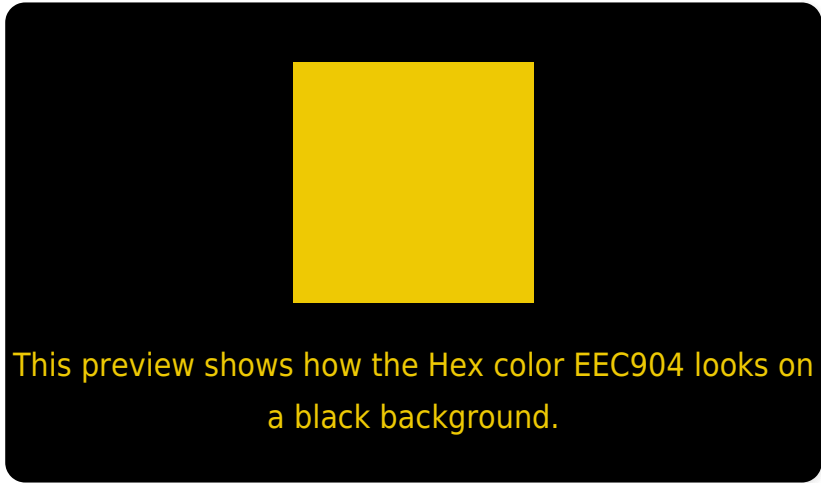
Large Text (above 18pt) WCAG AA × Fail

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 EEC904 Background



This preview shows how black text looks on a background with the Hex color EEC904.



This preview shows how white text looks on a background with the Hex color EEC904.

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
EEC904

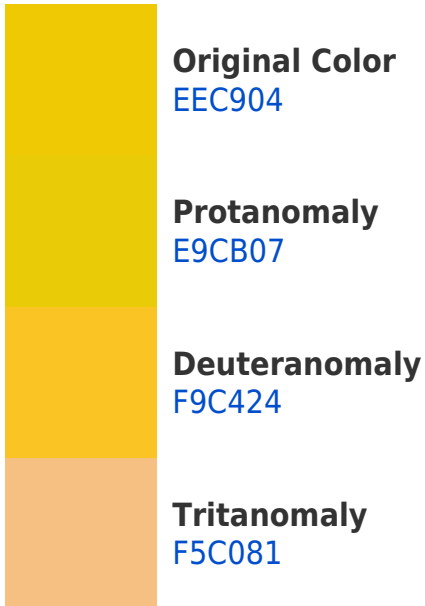
Protanopia
E6CC09

Deuteranopia
FFC136



Tritanopia
F9BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EEC904 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 #EEC904 looks like.

```
.text, #text, p{  
    color:#EEC904  
}
```

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 #EEC904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEC904
}
```

Border

The CSS property to change the border of an element to Hex EEC904 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
#EEC904 }
```

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

```
.border{ border-color:#EEC904 }
```

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

Here you see how a box with a 4 pixel #EEC904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEC904; -webkit-box-shadow:4px 4px  
4px 4px #EEC904; box-shadow:4px 4px 4px  
4px #EEC904 }
```

Background

The CSS property to change the background color of an element to Hex EEC904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEC904 }
```

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

```
.background{ background-color:#EEC904 }
```

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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