

Converting Colors

Hex(E9B034)

Have a look what the booklet for
Hex(E9B034) contains.

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Color

Hex(E9B034)

Conversions

Conversions Part 1

Format	Color
Hex	E9B034
RGB	233, 176, 52
RGB Percent	91%, 69%, 20%
CMY	0.0863, 0.3098, 0.7961
CMYK	0.00, 0.24, 0.78, 0.09
HSL	41°, 80%, 56%
HSV	41°, 78%, 91%
XYZ	49.7494, 48.6222, 10.0118
YIQ	178.9070, 73.7760, -26.4800

Conversions

Conversions Part 2

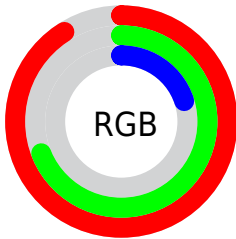
Format	Color
RYB	135, 233, 52
Decimal	15314996
CIELab	75.22, 9.78, 67.00
CIELCh	75, 67.708, 81.694
Yxy	48.6222, 0.4590, 0.4486
Android (android.graphics.Color)	4293505076 (0xFFE9B034)
YUV	178.9070, -62.5652, 47.4396
Hunter-Lab	69.7296, 5.3260, 40.2979

Details

The Hex color **E9B034** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **346DE9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE76C**, and **AD7C00** is the 20% darker color. If you saturate the color by 10%, you get **E9A91D**, and if you desaturate by 10%, it is **E9B74B**.

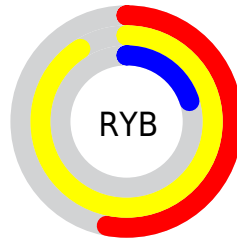
Distribution



Red (91%)

Green (69%)

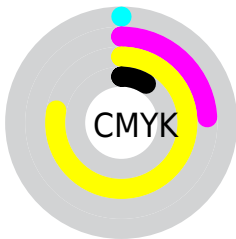
Blue (20%)



Red (53%)

Yellow (91%)

Blue (20%)

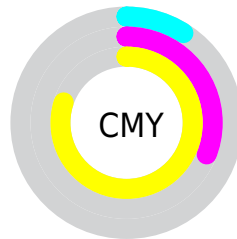


Cyan (0%)

Magenta (24%)

Yellow (78%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9B034 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 E9B034 by changing the saturation by 10% instead.

 E9B034

 E9B034

FFFFFF

 CB9511

 FFE76C

 AD7C00

 FFFF87

 8F6300

 FFFFA3

 724B00

 FFFFBF

 563500

 FFFFDC

 3B2000

 FFFFF9

 230B00

 000000

 E9B034

 E9B034

 E9A91D

 E9B74B

 E9A105

 E9BF63

 E9A000

 E9C67A

 E9CD91

 E9D5A9

 E9DCC0

 E9E3D7

 E9EBEE

 E9F2FF

Harmonies

Analogous

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



FF9758



E9B034



AEC43A

Triad

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



E9B034



00D7E6



F495FF

Complementary

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



E9B034



346DE9

Split Complementary

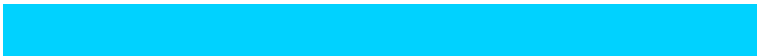
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9CB0FF



E9B034



00D2FF

Square

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



E9B034



00D6A5



00C5FF



FF81CD

Rectangle

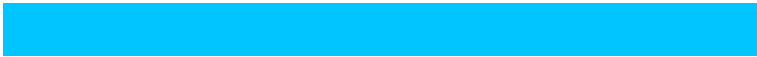
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E9B034



7ECD56



00C5FF



DC9EFF

Sweetspot

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



E9B034



FFEDC4



E9346D



80745C



000000



808080

Same Dimension

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



E9B034



FFB412



C8E934



75726A



B57C00



362500

Inverse Universe

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



346DE9



125DFF



5534E9



6A6D75



0039B5



001136

Previews

White Background



This preview shows how the Hex color E9B034 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 E9B034 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 E9B034 Background



This preview shows how black text looks on a background with the Hex color E9B034.

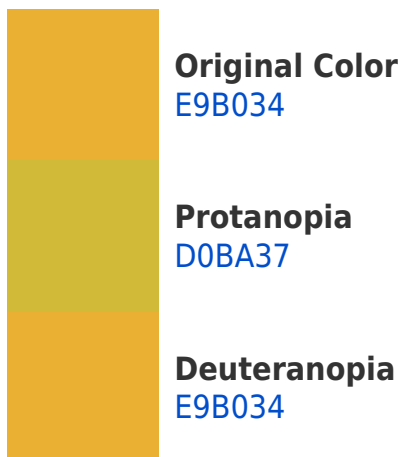


This preview shows how white text looks on a background with the Hex color E9B034.

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](#).

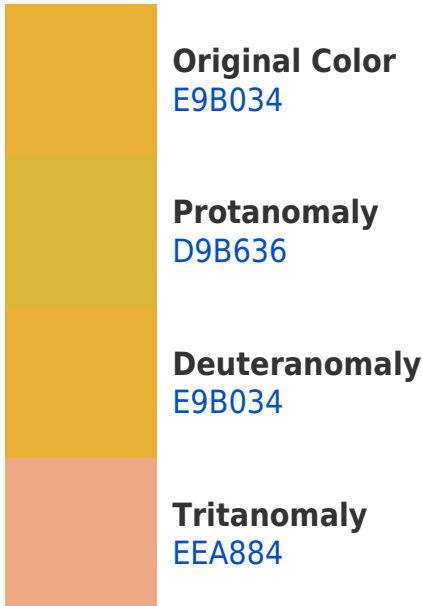
Dichromacy



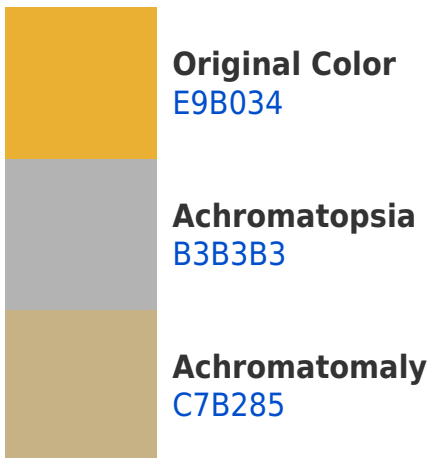


Tritanopia
F1A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9B034 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 #E9B034 looks like.

```
.text, #text, p{  
    color:#E9B034  
}
```

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 #E9B034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9B034
}
```

Border

The CSS property to change the border of an element to Hex E9B034 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
#E9B034 }
```

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

```
.border{ border-color:#E9B034 }
```

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

Here you see how a box with a 4 pixel #E9B034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9B034; -webkit-box-shadow:4px 4px  
4px 4px #E9B034; box-shadow:4px 4px 4px  
4px #E9B034 }
```

Background

The CSS property to change the background color of an element to Hex E9B034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9B034 }
```

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

```
.background{ background-color:#E9B034 }
```

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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