

# Converting Colors

Hex(E9CC73)

Have a look what the booklet for  
Hex(E9CC73) contains.

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# **Color**

**Hex(E9CC73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9CC73
RGB	233, 204, 115
RGB Percent	91%, 80%, 45%
CMY	0.0863, 0.2000, 0.5490
CMYK	0.00, 0.12, 0.51, 0.09
HSL	45°, 73%, 68%
HSV	45°, 51%, 91%
XYZ	58.2917, 61.7472, 25.0658
YIQ	202.5250, 45.8530, -21.5310

# Conversions

## Conversions Part 2

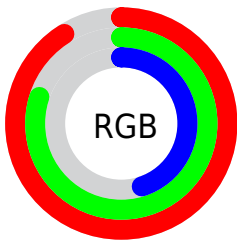
Format	Color
<a href="#">RYB</a>	<a href="#">153, 233, 115</a>
Decimal	<a href="#">15322227</a>
CIELab	<a href="#">82.78, -0.96, 47.73</a>
CIElCh	<a href="#">83, 47.742, 91.155</a>
Yxy	<a href="#">61.7472, 0.4017, 0.4255</a>
Android (android.graphics.Color)	<a href="#">4293512307</a> ( <a href="#">0xFFE9CC73</a> )
YUV	<a href="#">202.5250, -43.1498, 26.7266</a>
Hunter-Lab	<a href="#">78.5794, -5.0993, 36.0929</a>

# Details

The Hex color **E9CC73** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7390E9**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFA9**, and **AF9640** is the 20% darker color. If you saturate the color by 10%, you get **E9C65C**, and if you desaturate by 10%, it is **E9D28A**.

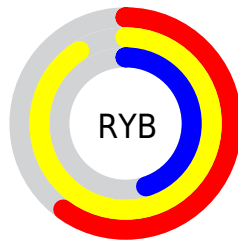
# Distribution



Red (91%)

Green (80%)

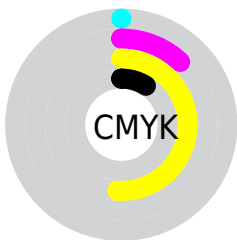
Blue (45%)



Red (60%)

Yellow (91%)

Blue (45%)

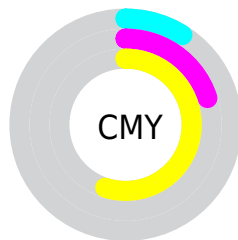


Cyan (0%)

Magenta (12%)

Yellow (51%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9CC73 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 E9CC73 by changing the saturation by 10% instead.



 E9CC73

 E9CC73

FFFFFF

 CCB159

 FFFFA9

 AF9640

 FFFFC4

 937C26

 FFFFE1

 776408

FFFFFFE

 5D4C00

 433600

 292100

 0D0A00

 000000

 E9CC73

 E9CC73

 E9C65C

 E9D28A

 E9C144

 E9D7A2

 E9BB2D

 E9DDB9

 E9B516

 E9E3D0

 E9B000

 E9E9E8

 E9EEFF

 E9F4FF

 E9FAFF

 E9FFFF

# Harmonies

## Analogous

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



FFBC80



E9CC73



BAD97F

# Triad

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



E9CC73



00E5FB



FFB2FA

# Complementary

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



E9CC73



7390E9

# 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.



D5C2FF



E9CC73



1EDEFF

# Square

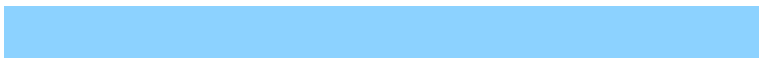
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9CC73



39E6CE



8CD2FF



FFAAE6

# Rectangle

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



E9CC73



97DF94



8CD2FF



F9B7FF



# Sweetspot

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



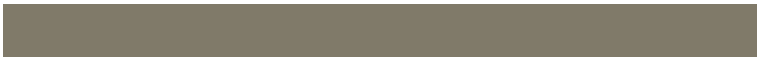
E9CC73



FFF6D9



E97391



807A69



000000



808080



# Same Dimension

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



E9CC73



FFD963



CBE973



75726A



B58900



362800



# Inverse Universe

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



7390E9



638AFF



9173E9



6A6C75



002CB5



000D36



# Previews

## White Background



This preview shows how the Hex color E9CC73 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 E9CC73 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 E9CC73 Background



This preview shows how black text looks on a background with the Hex color E9CC73.



This preview shows how white text looks on a background with the Hex color E9CC73.

# 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**  
E9CC73

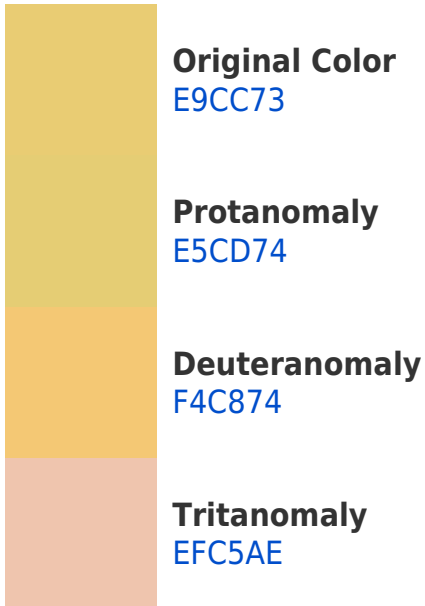
**Protanopia**  
E2CE74

**Deuteranopia**  
FBC575

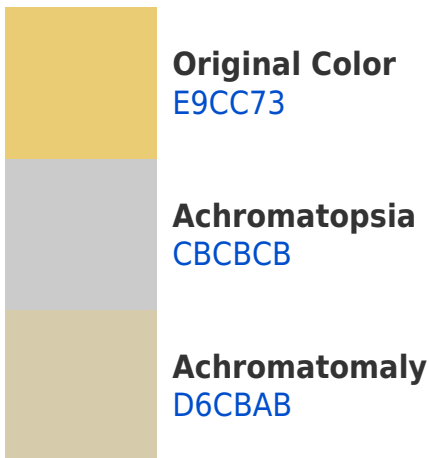


**Tritanopia**  
F2C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9CC73 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 #E9CC73 looks like.

```
.text, #text, p{  
    color:#E9CC73  
}
```

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 #E9CC73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9CC73  
}
```

## Border

The CSS property to change the border of an element to Hex E9CC73 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  
#E9CC73 }
```

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

```
.border{ border-color:#E9CC73 }
```

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

Here you see how a box with a 4 pixel #E9CC73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9CC73; -webkit-box-shadow:4px 4px  
4px 4px #E9CC73; box-shadow:4px 4px 4px  
4px #E9CC73 }
```

# Background

The CSS property to change the background color of an element to Hex E9CC73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9CC73 }
```

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

```
.background{ background-color:#E9CC73 }
```

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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