

Converting Colors

Hex(E9C54A)

Have a look what the booklet for
Hex(E9C54A) contains.

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Color

Hex(E9C54A)

Conversions

Conversions Part 1

Format	Color
Hex	E9C54A
RGB	233, 197, 74
RGB Percent	91%, 77%, 29%
CMY	0.0863, 0.2275, 0.7098
CMYK	0.00, 0.15, 0.68, 0.09
HSL	46°, 78%, 60%
HSV	46°, 68%, 91%
XYZ	54.8066, 57.7506, 14.7369
YIQ	193.7420, 60.9390, -30.6210

Conversions

Conversions Part 2

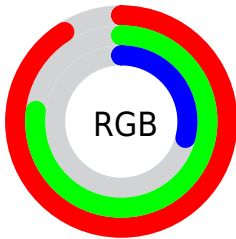
Format	Color
RYB	121, 233, 74
Decimal	15320394
CIELab	80.60, -0.21, 63.87
CIELCh	81, 63.866, 90.190
Yxy	57.7506, 0.4306, 0.4537
Android (android.graphics.Color)	4293510474 (0xFFE9C54A)
YUV	193.7420, -59.0328, 34.4293
Hunter-Lab	75.9938, -4.2553, 41.6980

Details

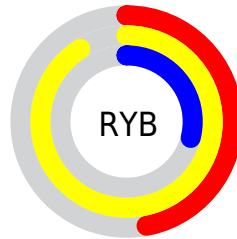
The Hex color **E9C54A** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **4A6EE9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFD81**, and **AE9007** is the 20% darker color. If you saturate the color by 10%, you get **E9C033**, and if you desaturate by 10%, it is **E9CA61**.

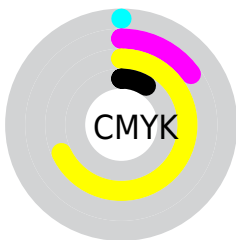
Distribution



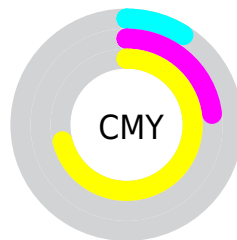
- Red (91%)
- Green (77%)
- Blue (29%)



- Red (47%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (15%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9C54A 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 E9C54A by changing the saturation by 10% instead.

 E9C54A

 E9C54A

FFFFFF

 CBAA2E

 FFFD81

 AE9007

 FFFF9C

 917600

 FFFFB8

 745E00

 FFFF5D

 594600

 FFFFF2

 3E3000

 251C00

 030200

 000000

 E9C54A

 E9C54A

 E9C033

 E9CA61

 E9BA1B

 E9D079

 E9B504

 E9D590

 E9B400

 E9DAA7

 E9DFBF

 E9E5D6

 E9EAED

 E9EFFF

 E9F4FF

Harmonies

Analogous

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



FFAF60



E9C54A



ADD65B

Triad

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



E9C54A



00E5FF



FFA0FF

Complementary

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



E9C54A



4A6EE9

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.



CBB8FF



E9C54A



00DDFF

Square

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



E9C54A



00E5C7



47CEFF



FF93CA

Rectangle

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



E9C54A



7BDE78



47CEFF



FEA8FF

Sweetspot

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



E9C54A



FFF3CC



E94A6F



807961



000000



808080

Same Dimension

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



E9C54A



FFD02E



BFE94A



75736A



B58C00



362900

Inverse Universe

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



4A6EE9



2E5DFF



744AE9



6A6C75



0029B5



000C36

Previews

White Background



This preview shows how the Hex color E9C54A looks on a white background.

Color Contrast Check

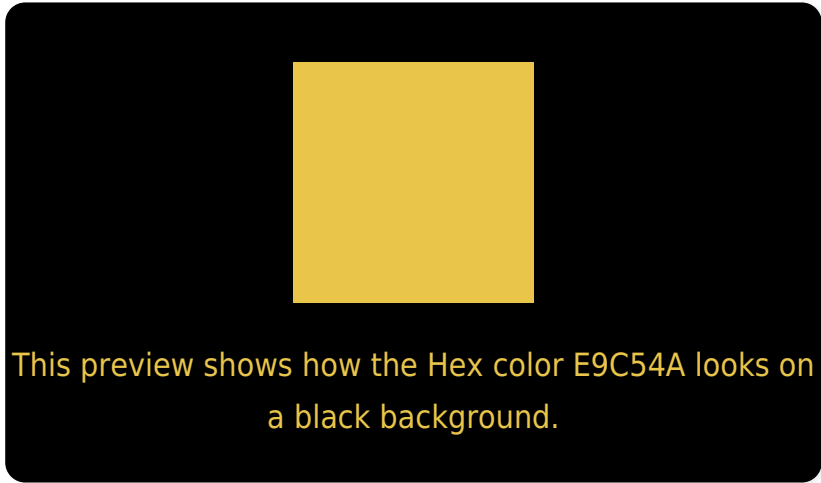
Large Text (above 18pt) WCAG AA × Fail

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 E9C54A Background



This preview shows how black text looks on a background with the Hex color E9C54A.

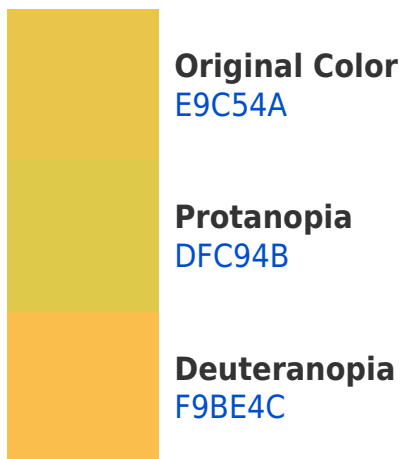


This preview shows how white text looks on a background with the Hex color E9C54A.

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](#).

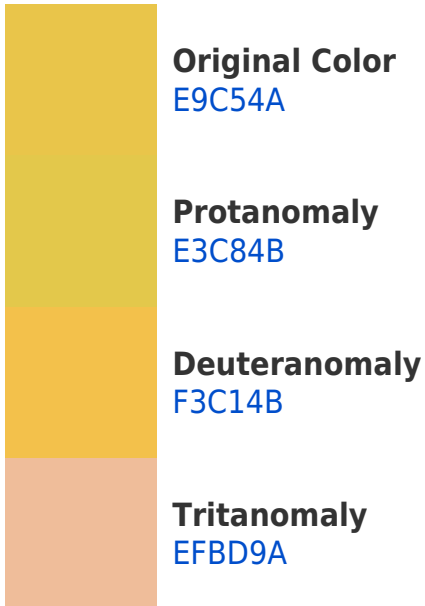
Dichromacy



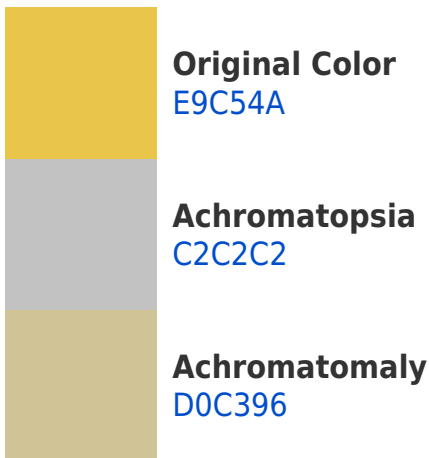


Tritanopia
F3B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E9C54A 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 #E9C54A looks like.

```
.text, #text, p{  
    color:#E9C54A  
}
```

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 #E9C54A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9C54A
}
```

Border

The CSS property to change the border of an element to Hex E9C54A 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
#E9C54A }
```

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

```
.border{ border-color:#E9C54A }
```

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

Here you see how a box with a 4 pixel #E9C54A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9C54A; -webkit-box-shadow:4px 4px  
4px 4px #E9C54A; box-shadow:4px 4px 4px  
4px #E9C54A }
```

Background

The CSS property to change the background color of an element to Hex E9C54A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9C54A }
```

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

```
.background{ background-color:#E9C54A }
```

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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