

# Converting Colors

Hex(E3B24F)

Have a look what the booklet for  
Hex(E3B24F) contains.

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# **Color**

**Hex(E3B24F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3B24F
RGB	227, 178, 79
RGB Percent	89%, 70%, 31%
CMY	0.1098, 0.3020, 0.6902
CMYK	0.00, 0.22, 0.65, 0.11
HSL	40°, 73%, 60%
HSV	40°, 65%, 89%
XYZ	49.0102, 48.7362, 14.2210
YIQ	181.3650, 60.9830, -20.4010

# Conversions

## Conversions Part 2

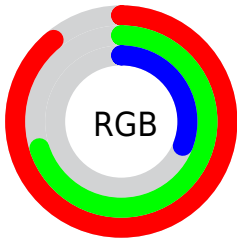
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 227, 79
Decimal	14922319
CIELab	75.29, 7.47, 55.92
CIELCh	75, 56.414, 82.393
Yxy	48.7362, 0.4377, 0.4353
Android (android.graphics.Color)	4293112399 (0xFFE3B24F)
YUV	181.3650, -50.4659, 40.0219
Hunter-Lab	69.8113, 3.1441, 36.7901

# Details

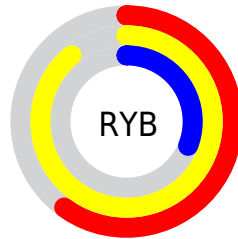
The Hex color **E3B24F** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4F80E3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE984**, and **A87E18** is the 20% darker color. If you saturate the color by 10%, you get **E3AA38**, and if you desaturate by 10%, it is **E3BA66**.

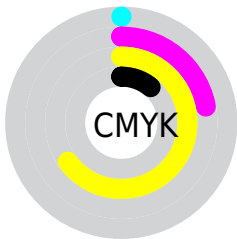
# Distribution



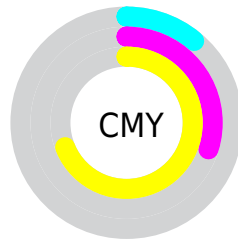
- Red (89%)
- Green (70%)
- Blue (31%)



- Red (60%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3B24F 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 E3B24F by changing the saturation by 10% instead.



 E3B24F

 E3B24F

FFFFFFF

 C59735

 FFE984

 A87E18

 FFFF9F

 8B6500

 FFFFBB

 6F4D00

 FFFF77

 543700

 FFFF44

 392100

 210C00

 000000

 E3B24F

 E3B24F

 E3AA38

 E3BA66

 E3A322

 E3C17C

 E39B0B

 E3C993

 E39800

 E3D0AA

 E3D8C1

 E3DFD7

 E3E7EE

 E3EEFF

 E3F6FF

# Harmonies

## Analogous

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



FF9F68



E3B24F



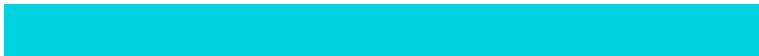
B1C255

# Triad

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



E3B24F



00D3DF



ED9CF9

# Complementary

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



E3B24F



4F80E3

# 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.



A7B1FF



E3B24F



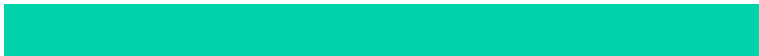
00CEFF

# Square

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



E3B24F



00D3AA



19C3FF



FF8EC9

# Rectangle

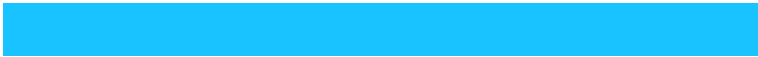
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3B24F



8ACA69



19C3FF



D9A3FF



# Sweetspot

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



E3B24F



FFEECC



E34F80



807561



000000



808080



# Same Dimension

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



E3B24F



FFBD38



CAE34F



736F67



B37700



332200



# Inverse Universe

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



4F80E3



387AFF



684FE3



676B73



003BB3



001133



# Previews

## White Background



This preview shows how the Hex color E3B24F looks on a white background.

## Color Contrast Check

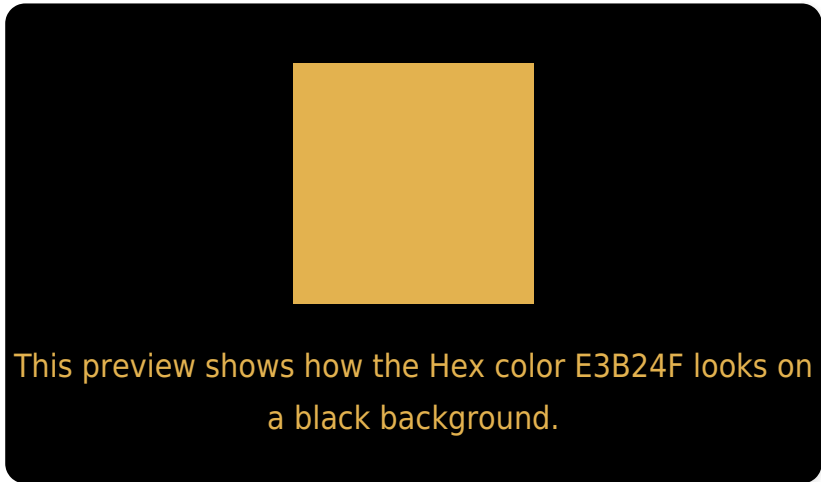
Large Text (above 18pt) WCAG AA × Fail

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 E3B24F Background



This preview shows how black text looks on a background with the Hex color E3B24F.



This preview shows how white text looks on a background with the Hex color E3B24F.

# 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**  
E3B24F

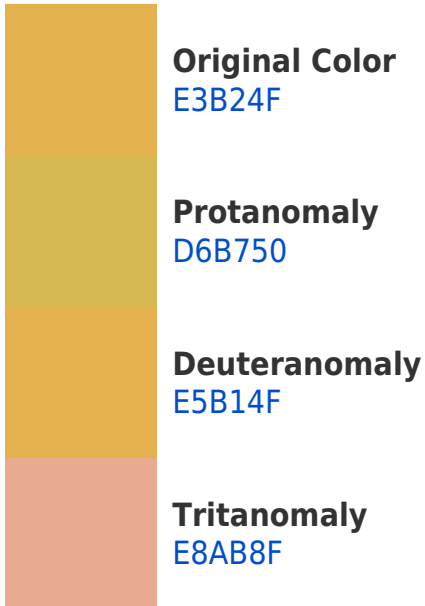
**Protanopia**  
CEBA51

**Deuteranopia**  
E6B14F



**Tritanopia**  
EBA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3B24F 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 #E3B24F looks like.

```
.text, #text, p{  
    color:#E3B24F  
}
```

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 #E3B24F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3B24F
}
```

## Border

The CSS property to change the border of an element to Hex E3B24F 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
#E3B24F }
```

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

```
.border{ border-color:#E3B24F }
```

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

Here you see how a box with a 4 pixel #E3B24F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3B24F; -webkit-box-shadow:4px 4px  
4px 4px #E3B24F; box-shadow:4px 4px 4px  
4px #E3B24F }
```

# Background

The CSS property to change the background color of an element to Hex E3B24F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3B24F }
```

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

```
.background{ background-color:#E3B24F }
```

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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