

# Converting Colors

Hex(E2E24A)

Have a look what the booklet for  
Hex(E2E24A) contains.

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**Color**

**Hex(E2E24A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E24A
RGB	226, 226, 74
RGB Percent	89%, 89%, 29%
CMY	0.1137, 0.1137, 0.7098
CMYK	0.00, 0.00, 0.67, 0.11
HSL	60°, 72%, 59%
HSV	60°, 67%, 89%
XYZ	59.7964, 71.0559, 17.0421
YIQ	208.6720, 48.7920, -47.2720

# Conversions

## Conversions Part 2

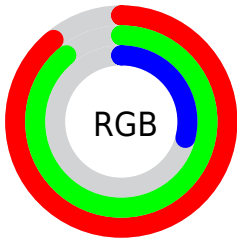
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 226, 74
Decimal	14869066
CIELab	87.51, -17.74, 70.69
CIELCh	88, 72.878, 104.089
Yxy	71.0559, 0.4043, 0.4805
Android (android.graphics.Color)	4293059146 (0xFFE2E24A)
YUV	208.6720, -66.3933, 15.1967
Hunter-Lab	84.2946, -20.8924, 47.0194

# Details

The Hex color **E2E24A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4A4AE2**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF83**, and **A7AB00** is the 20% darker color. If you saturate the color by 10%, you get **E2E233**, and if you desaturate by 10%, it is **E2E261**.

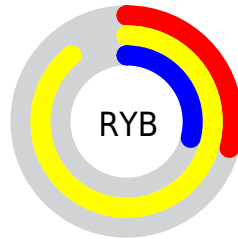
# Distribution



Red (89%)

Green (89%)

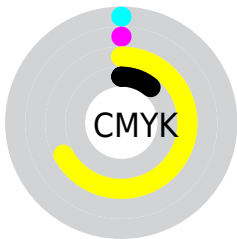
Blue (29%)



Red (29%)

Yellow (89%)

Blue (29%)

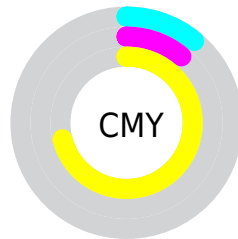


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2E24A 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 E2E24A by changing the saturation by 10% instead.



 E2E24A

 E2E24A

FFFFFF

 C4C62B

 FFFF83

 A7AB00

 FFFF9F

 8B9100

 FFFFBC

 6E7700

 FFFF9F

 535E00

 FFFFF6

 384700

 1E3100

 001D00

 000000

 E2E24A

 E2E24A

 E2E233

 E2E261

 E2E21D

 E2E277

 E2E206

 E2E28E

 E2E200

 E2E2A4

 E2E2BB

 E2E2D2

 E2E2E8

 E2E2FF

# Harmonies

## Analogous

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



FFCA50



E2E24A



94F273

# Triad

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



E2E24A



00F9FF



FFA2FF

# Complementary

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



E2E24A



4A4AE2

# 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.



FFBBFF



E2E24A



00EDFF

# Square

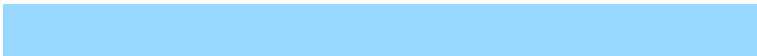
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2E24A



00DFB



99D8FF



FF9DBD

# Rectangle

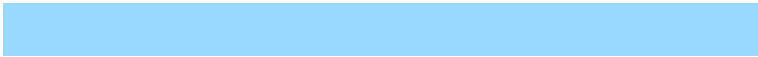
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2E24A



41F99C



99D8FF



FFA9FF



# Sweetspot

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



E2E24A



FFFFCC



E24A4A



808061



000000



808080



# Same Dimension

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



E2E24A



FFFF30



96E24A



707065



B0B000



303000



# Inverse Universe

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



4A4AE2



3030FF



964AE2



656570



0000B0

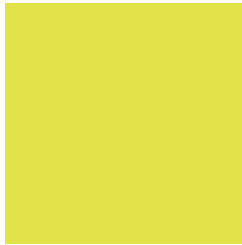


000030



# Previews

## White Background



This preview shows how the Hex color E2E24A looks on a white background.

## Color Contrast Check

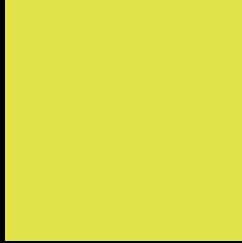
Large Text (above 18pt) WCAG AA × Fail

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 E2E24A 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 E2E24A Background



This preview shows how black text looks on a background with the Hex color E2E24A.

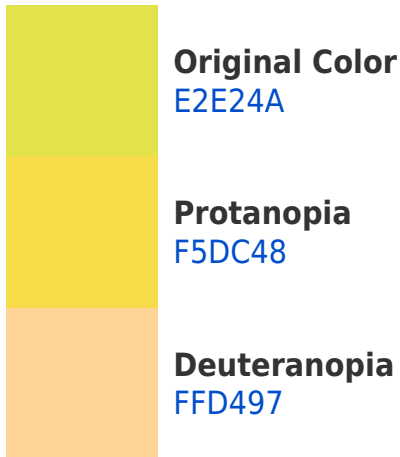


This preview shows how white text looks on a background with the Hex color E2E24A.

# 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](#).

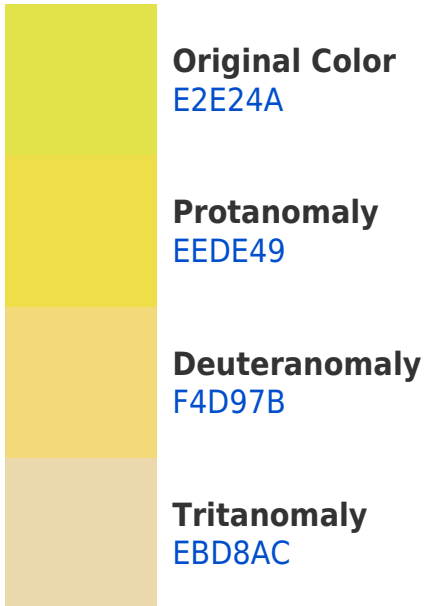
## Dichromacy



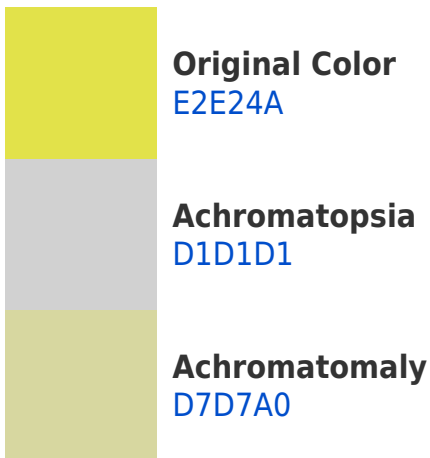


**Tritanopia**  
F0D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2E24A 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 #E2E24A looks like.

```
.text, #text, p{  
    color:#E2E24A  
}
```

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 #E2E24A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2E24A
}
```

## Border

The CSS property to change the border of an element to Hex E2E24A 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
#E2E24A }
```

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

```
.border{ border-color:#E2E24A }
```

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

Here you see how a box with a 4 pixel #E2E24A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2E24A; -webkit-box-shadow:4px 4px  
4px 4px #E2E24A; box-shadow:4px 4px 4px  
4px #E2E24A }
```

# Background

The CSS property to change the background color of an element to Hex E2E24A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2E24A }
```

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

```
.background{ background-color:#E2E24A }
```

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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