

# Converting Colors

Hex(E2DF32)

Have a look what the booklet for  
Hex(E2DF32) contains.

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# **Color**

**Hex(E2DF32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2DF32
RGB	226, 223, 50
RGB Percent	89%, 87%, 20%
CMY	0.1137, 0.1255, 0.8039
CMYK	0.00, 0.01, 0.78, 0.11
HSL	59°, 75%, 54%
HSV	59°, 78%, 89%
XYZ	58.3274, 69.1744, 13.2954
YIQ	204.1750, 57.3210, -53.1670

# Conversions

## Conversions Part 2

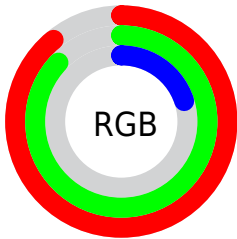
Format	Color
<a href="#">RYB</a>	<a href="#">53, 226, 50</a>
Decimal	<a href="#">14868274</a>
CIELab	<a href="#">86.59, -17.30, 77.66</a>
CIELCh	<a href="#">87, 79.562, 102.562</a>
Yxy	<a href="#">69.1744, 0.4143, 0.4913</a>
Android (android.graphics.Color)	<a href="#">4293058354 (0xFFE2DF32)</a>
YUV	<a href="#">204.1750, -76.0083, 19.1405</a>
Hunter-Lab	<a href="#">83.1711, -20.3685, 48.7419</a>

# Details

The Hex color **E2DF32** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3235E2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF6F**, and **A7A800** is the 20% darker color. If you saturate the color by 10%, you get **E2DF1B**, and if you desaturate by 10%, it is **E2DF49**.

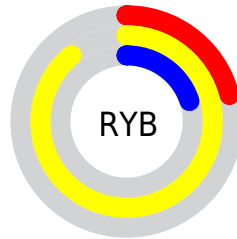
# Distribution



Red (89%)

Green (87%)

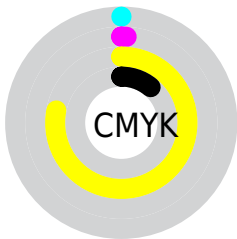
Blue (20%)



Red (21%)

Yellow (89%)

Blue (20%)

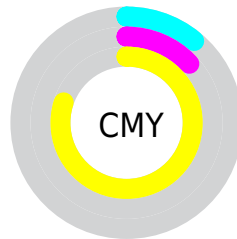


Cyan (0%)

Magenta (1%)

Yellow (78%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2DF32 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 E2DF32 by changing the saturation by 10% instead.



 E2DF32

 E2DF32

FFFFFF

 C4C300

 FFFF6F

 A7A800


 FFFF8C

 8A8E00

 FFFFA9

 6D7400

 FFFFC6

 515C00

 FFFFEE3

 364500

 1D2E00

 001B00

 000000

 E2DF32

 E2DF32

 E2DF1B

 E2DF49

 E2DE05

 E2E05F

 E2DE00

 E2E076

 E2E18C

 E2E1A3

 E2E1BA

 E2E2D0

 E2E2E7

 E2E2FD

# Harmonies

## Analogous

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



FFC53F



E2DF32



8DF062

# Triad

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



E2DF32



00F9FF



FF99FF

# Complementary

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



E2DF32



3235E2

# 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.



FFB7FF



E2DF32



00EDFF

# Square

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



E2DF32



00DF7



7ED6FF



FF92BC

# Rectangle

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



E2DF32



1FF890



7ED6FF



FFA2FF



# Sweetspot

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



E2DF32



FFFE04



E23238



807F5C



000000



808080



# Same Dimension

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



E2DF32



FFFB12



90E232



707065



B0AD00



303000



# Inverse Universe

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



3235E2



1216FF



8432E2



656570



0003B0



000130



# Previews

## White Background



This preview shows how the Hex color E2DF32 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 E2DF32 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 E2DF32 Background



This preview shows how black text looks on a background with the Hex color E2DF32.

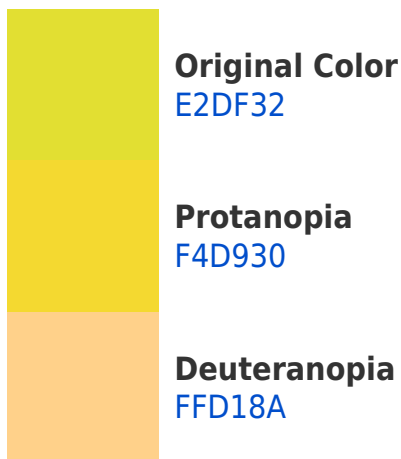


This preview shows how white text looks on a background with the Hex color E2DF32.

# Color Blindness Simulation

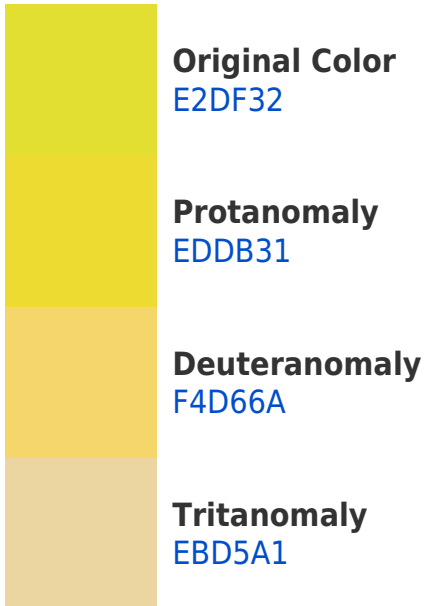
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

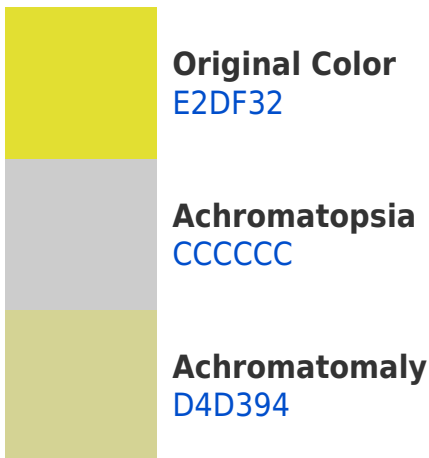




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2DF32 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 #E2DF32 looks like.

```
.text, #text, p{  
    color:#E2DF32  
}
```

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 #E2DF32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2DF32
}
```

## Border

The CSS property to change the border of an element to Hex E2DF32 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
#E2DF32 }
```

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

```
.border{ border-color:#E2DF32 }
```

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

Here you see how a box with a 4 pixel #E2DF32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2DF32; -webkit-box-shadow:4px 4px  
4px 4px #E2DF32; box-shadow:4px 4px 4px  
4px #E2DF32 }
```

# Background

The CSS property to change the background color of an element to Hex E2DF32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2DF32 }
```

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

```
.background{ background-color:#E2DF32 }
```

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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