

# Converting Colors

Hex(E2B93D)

Have a look what the booklet for  
Hex(E2B93D) contains.

<b>Hex(E2B93D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E2B93D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B93D
RGB	226, 185, 61
RGB Percent	89%, 73%, 24%
CMY	0.1137, 0.2745, 0.7608
CMYK	0.00, 0.18, 0.73, 0.11
HSL	45°, 74%, 56%
HSV	45°, 73%, 89%
XYZ	49.5553, 51.2036, 11.6863
YIQ	183.1230, 64.2400, -29.8720

# Conversions

## Conversions Part 2

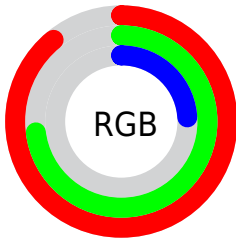
Format	Color
<a href="#">RYB</a>	<a href="#">116, 226, 61</a>
Decimal	<a href="#">14858557</a>
CIELab	<a href="#">76.80, 2.42, 64.96</a>
CIELCh	<a href="#">77, 65.002, 87.868</a>
Yxy	<a href="#">51.2036, 0.4407, 0.4554</a>
Android (android.graphics.Color)	<a href="#">4293048637</a> ( <a href="#">0xFFE2B93D</a> )
YUV	<a href="#">183.1230, -60.2066, 37.6031</a>
Hunter-Lab	<a href="#">71.5567, -1.6072, 40.4067</a>

# Details

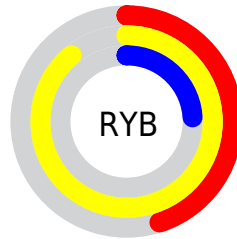
The Hex color **E2B93D** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **3D66E2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF174**, and **A78400** is the 20% darker color. If you saturate the color by 10%, you get **E2B326**, and if you desaturate by 10%, it is **E2BF54**.

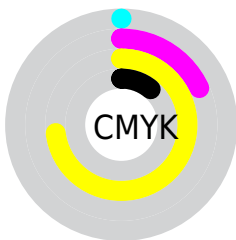
# Distribution



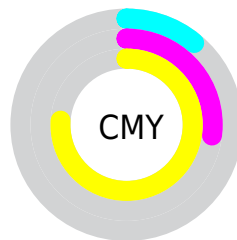
- Red (89%)
- Green (73%)
- Blue (24%)



- Red (45%)
- Yellow (89%)
- Blue (24%)



- Cyan (0%)
- Magenta (18%)
- Yellow (73%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2B93D 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 E2B93D by changing the saturation by 10% instead.



 E2B93D

 E2B93D

FFFFFF

 C49E1E

 FFF174

 A78400

 FFFF8F

 8A6B00

 FFFFAB

 6E5300

 FFFFC8

 523D00

 FFFF E5

 372700

 1F1300

 000000

 E2B93D

 E2B93D

 E2B326

 E2BF54

 E2AE10

 E2C46A

 E2AA00

 E2CA81

 E2CF97

 E2D5AE

 E2DBC5

 E2E0DB

 E2E6F2

 E2ECFF

# Harmonies

## Analogous

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



FFA258



E2B93D



A7CB4C

# Triad

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



E2B93D



00DAF4



FF97FE

# Complementary

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



E2B93D



3D66E2

# 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.



B8AFFF



E2B93D



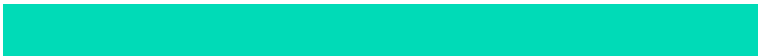
00D4FF

# Square

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



E2B93D



00DBB7



00C6FF



FF87C4

# Rectangle

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



E2B93D



75D369



00C6FF



EE9FFF



# Sweetspot

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



E2B93D



FFF1C7



E23D66



80775E



000000



808080



# Same Dimension

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



E2B93D



FFC71F



B9E23D



706D65



B08400



302400



# Inverse Universe

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



3D66E2



1F56FF



663DE2



656870



002CB0



000C30



# Previews

## White Background



This preview shows how the Hex color E2B93D looks on a white background.

## Color Contrast Check

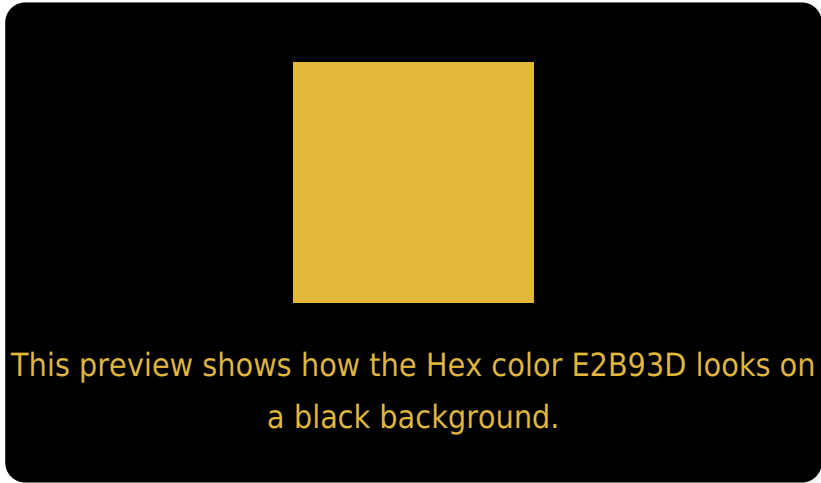
Large Text (above 18pt) WCAG AA × Fail

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 E2B93D Background



This preview shows how black text looks on a background with the Hex color E2B93D.



This preview shows how white text looks on a background with the Hex color E2B93D.

# 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



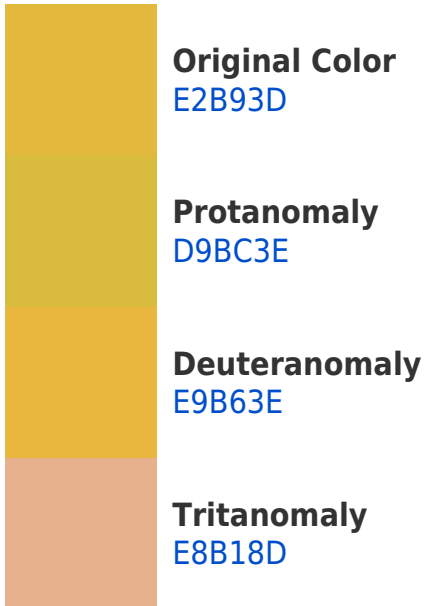
**Original Color**  
E2B93D

**Protanopia**  
D4BE3E

**Deuteranopia**  
EDB43F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2B93D 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 #E2B93D looks like.

```
.text, #text, p{  
    color:#E2B93D  
}
```

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 #E2B93D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2B93D  
}
```

## Border

The CSS property to change the border of an element to Hex E2B93D 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  
#E2B93D }
```

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

```
.border{ border-color:#E2B93D }
```

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

Here you see how a box with a 4 pixel #E2B93D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2B93D; -webkit-box-shadow:4px 4px  
4px 4px #E2B93D; box-shadow:4px 4px 4px  
4px #E2B93D }
```

# Background

The CSS property to change the background color of an element to Hex E2B93D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2B93D }
```

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

```
.background{ background-color:#E2B93D }
```

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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