

# Converting Colors

Hex(E2B81D)

Have a look what the booklet for  
Hex(E2B81D) contains.

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**Color**

**Hex(E2B81D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B81D
RGB	226, 184, 29
RGB Percent	89%, 72%, 11%
CMY	0.1137, 0.2784, 0.8863
CMYK	0.00, 0.19, 0.87, 0.11
HSL	47°, 77%, 50%
HSV	47°, 87%, 89%
XYZ	48.7263, 50.5384, 8.3491
YIQ	178.8880, 74.7870, -39.3010

# Conversions

## Conversions Part 2

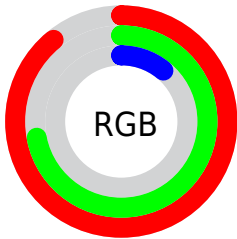
Format	Color
R <sub>Y</sub> B	82, 226, 29
Decimal	14858269
CIE Lab	76.40, 1.90, 74.34
CIE LCh	76, 74.364, 88.535
Yxy	50.5384, 0.4528, 0.4696
Android (android.graphics.Color)	4293048349 (0xFFE2B81D)
YUV	178.8880, -73.8948, 41.3172
Hunter-Lab	71.0904, -2.0619, 42.8000

# Details

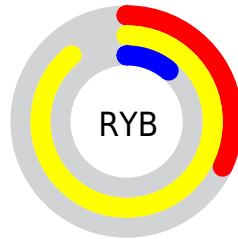
The Hex color **E2B81D** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **1D47E2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF05D**, and **A68300** is the 20% darker color. If you saturate the color by 10%, you get **E2B306**, and if you desaturate by 10%, it is **E2BD34**.

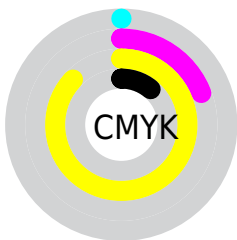
# Distribution



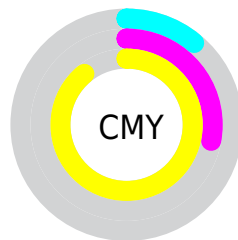
- Red (89%)
- Green (72%)
- Blue (11%)



- Red (32%)
- Yellow (89%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2B81D 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 E2B81D by changing the saturation by 10% instead.



 E2B81D

 E2B81D

FFFFFF

 C49D00

 FFF05D

 A68300

 FFFF79

 896B00

 FFFF95

 6C5300

 FFFFB2

 503C00

 FFFFCE

 362700

 FFFFEC

 1D1300

 000000

 E2B81D

 E2B81D

 E2B306

 E2BD34

 E2B200

 E2C24A

 E2C661

 E2CB77

 E2D08E

 E2D5A5

 E2DABB

 E2DFD2

 E2E3E8

# Harmonies

## Analogous

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



FF9D45



E2B81D



9ECC36

# Triad

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



E2B81D



00DCFC



FF8DFF

# Complementary

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



E2B81D



1D47E2

# 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.



B6ACFF



E2B81D



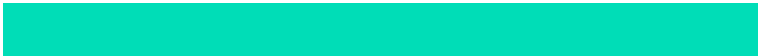
00D5FF

# Square

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



E2B81D



00DDB7



00C5FF



FF7AC3

# Rectangle

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



E2B81D



62D45B



00C5FF



F597FF



# Sweetspot

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



E2B81D



FFF1BD



E21D48



807758



000000



808080



# Same Dimension

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



E2B81D



FFC900



AAE21D



706E65



B08A00



302600



# Inverse Universe

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



1D47E2



0036FF



551DE2



656770



0026B0



000A30



# Previews

## White Background



This preview shows how the Hex color E2B81D looks on a white background.

## Color Contrast Check

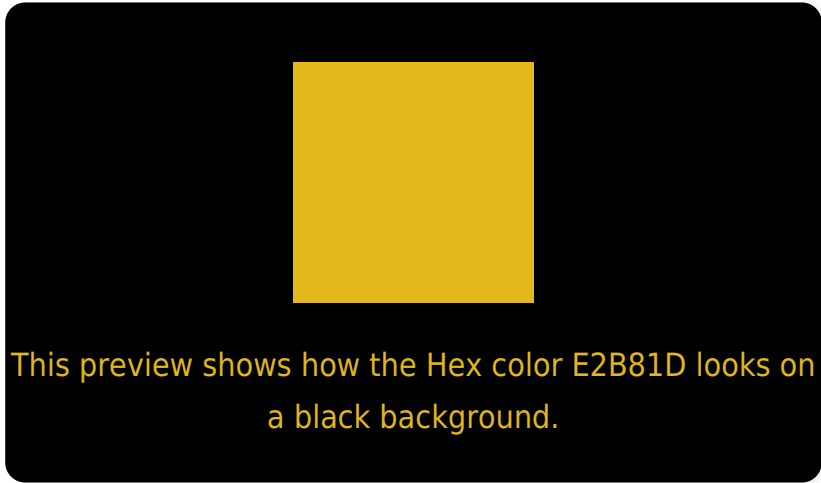
Large Text (above 18pt) WCAG AA × Fail

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 E2B81D Background



This preview shows how black text looks on a background with the Hex color E2B81D.



This preview shows how white text looks on a background with the Hex color E2B81D.

# 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**  
E2B81D

**Protanopia**  
D5BD1E

**Deuteranopia**  
EEB321



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2B81D 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 #E2B81D looks like.

```
.text, #text, p{  
    color:#E2B81D  
}
```

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 #E2B81D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2B81D
}
```

## Border

The CSS property to change the border of an element to Hex E2B81D 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
#E2B81D }
```

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

```
.border{ border-color:#E2B81D }
```

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

Here you see how a box with a 4 pixel #E2B81D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2B81D; -webkit-box-shadow:4px 4px  
4px 4px #E2B81D; box-shadow:4px 4px 4px  
4px #E2B81D }
```

# Background

The CSS property to change the background color of an element to Hex E2B81D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2B81D }
```

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

```
.background{ background-color:#E2B81D }
```

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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