

Converting Colors

Hex(E2B017)

Have a look what the booklet for
Hex(E2B017) contains.

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Color

Hex(E2B017)

Conversions

Conversions Part 1

Format	Color
Hex	E2B017
RGB	226, 176, 23
RGB Percent	89%, 69%, 9%
CMY	0.1137, 0.3098, 0.9098
CMYK	0.00, 0.22, 0.90, 0.11
HSL	45°, 82%, 49%
HSV	45°, 90%, 89%
XYZ	47.0440, 47.2813, 7.4573
YIQ	173.5080, 78.9130, -36.9830

Conversions

Conversions Part 2

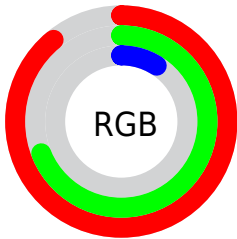
Format	Color
RYB	89, 226, 23
Decimal	14856215
CIELab	74.37, 5.99, 73.98
CIELCh	74, 74.223, 85.372
Yxy	47.2813, 0.4622, 0.4645
Android (android.graphics.Color)	4293046295 (0xFFE2B017)
YUV	173.5080, -74.2004, 46.0355
Hunter-Lab	68.7614, 1.7907, 41.7028

Details

The Hex color **E2B017** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1749E2**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFE758**, and **A57C00** is the 20% darker color. If you saturate the color by 10%, you get **E2AA00**, and if you desaturate by 10%, it is **E2B62E**.

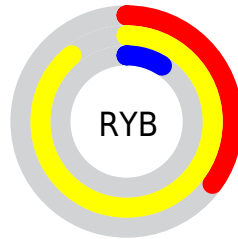
Distribution



Red (89%)

Green (69%)

Blue (9%)



Red (35%)

Yellow (89%)

Blue (9%)

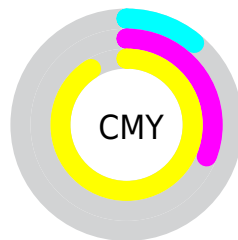


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2B017 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 E2B017 by changing the saturation by 10% instead.

 E2B017

 E2B017

FFFFFF

 C49600

 FFE758

 A57C00

 FFFF74

 886300

 FFFF91

 6B4C00

 FFFFAD

 4F3500

 FFFFC A

 352000

 FFFF E7

 1D0B00

 000000

 E2B017

 E2B017

 E2AA00

 E2B62E

 E2BB44

 E2C15B

 E2C671

 E2CC88

 E2D19F

 E2D7B5

 E2DDCC

 E2E2E2

Harmonies

Analogous

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



FF9545



E2B017



A0C42A

Triad

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



E2B017



00D7F0



FF8BFF

Complementary

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



E2B017



1749E2

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.



A3A9FF



E2B017



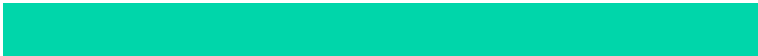
00D1FF

Square

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



E2B017



00D6AA



00C2FF



FF75C4

Rectangle

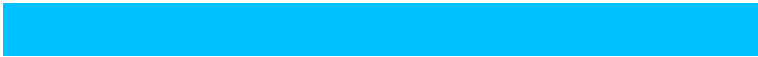
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2B017



68CD50



00C2FF



E795FF

Sweetspot

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



E2B017



FFEEBA



E2174A



807557



000000



808080

Same Dimension

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



E2B017



FFC000



AFE217



706D65



B08500



302500

Inverse Universe

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



1749E2



003FFF



4A17E2



656870



002BB0



000C30

Previews

White Background



This preview shows how the Hex color E2B017 looks on a white background.

Color Contrast Check

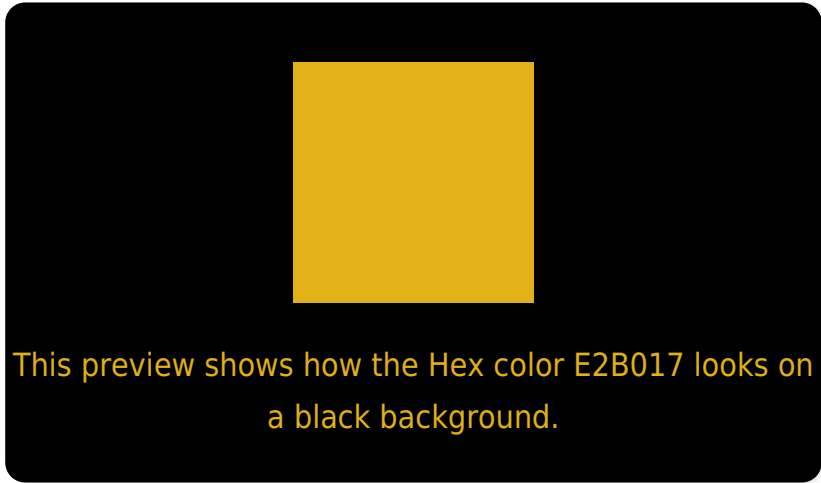
Large Text (above 18pt) WCAG AA × Fail

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 E2B017 Background



This preview shows how black text looks on a background with the Hex color E2B017.



This preview shows how white text looks on a background with the Hex color E2B017.

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

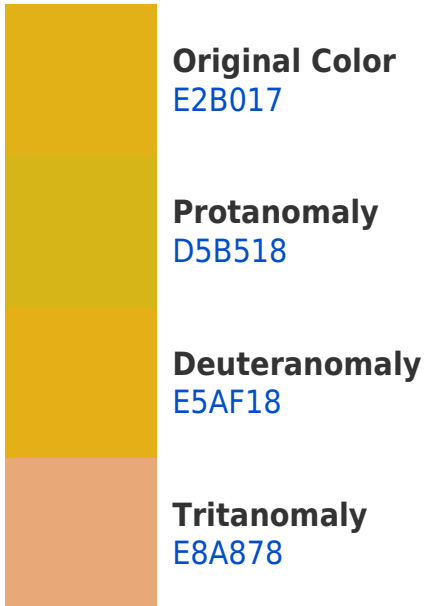


Original Color
E2B017

Protanopia
CEB819

Deuteranopia
E7AE19

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2B017 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 #E2B017 looks like.

```
.text, #text, p{  
    color:#E2B017  
}
```

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 #E2B017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2B017
}
```

Border

The CSS property to change the border of an element to Hex E2B017 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
#E2B017 }
```

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

```
.border{ border-color:#E2B017 }
```

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

Here you see how a box with a 4 pixel #E2B017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2B017; -webkit-box-shadow:4px 4px  
4px 4px #E2B017; box-shadow:4px 4px 4px  
4px #E2B017 }
```

Background

The CSS property to change the background color of an element to Hex E2B017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2B017 }
```

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

```
.background{ background-color:#E2B017 }
```

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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