Converting Colors

Hex(E5BD1E)

Have a look what the booklet for Hex(E5BD1E) contains.

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Color

Hex(E5BD1E)

Conversions

Conversions Part 1

Format	Color
Hex	E5BD1E
RGB	229, 189, 30
RGB Percent	90%, 74%, 12%
CMY	0.1020, 0.2588, 0.8824
CMYK	0.00, 0.17, 0.87, 0.10
HSL	48°, 79%, 51%
HSV	48°, 87%, 90%
XYZ	50.7450, 53.1469, 8.8121
YIQ	182.8340, 74.8790, -40.9690

Conversions

Conversions Part 2

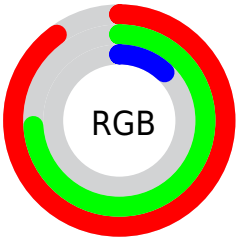
Format	Color
RYB	80, 229, 30
Decimal	15056158
CIELab	77.96, 0.61, 75.49
CIELCh	78, 75.495, 89.533
Yxy	53.1469, 0.4503, 0.4716
Android (android.graphics.Color)	4293246238 (0xFFE5BD1E)
YUV	182.8340, -75.3472, 40.4876
Hunter-Lab	72.9019, -3.3295, 43.8646

Details

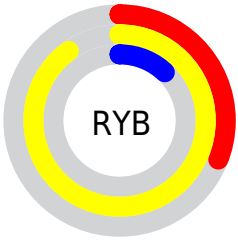
The Hex color E5BD1E is a dark color, and the websafe version is hex FFCC33. The color can be described as middle washed orange. A complement of this color would be 1E46E5, and the grayscale version is B8B8B8.

A 20% lighter version of the original color is FFF55E, and A98800 is the 20% darker color. If you saturate the color by 10%, you get E5B807, and if you desaturate by 10%, it is E5C235.

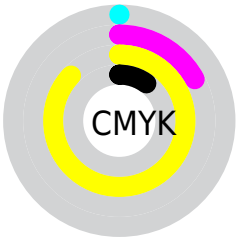
Distribution



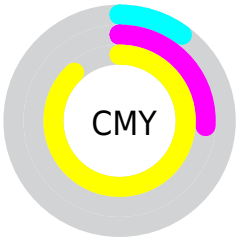
- Red (90%)
- Green (74%)
- Blue (12%)



- Red (31%)
- Yellow (90%)
- Blue (12%)



- Cyan (0%)
- Magenta (17%)
- Yellow (87%)
- Black (10%)



- Cyan (10%)
- Magenta (26%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5BD1E 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 E5BD1E by changing the saturation by 10% instead.

E5BD1E

FFFFFF

FFF55E

FFFF7A

FFFF97

FFFFB3

FFFFD0

FFFFEE

E5BD1E

C7A200

A98800

8B6F00

6F5700

534000

382B00

201600

000000

E5BD1E

E5BD1E

E5B807

E5B700

E5C235

E5C64C

E5CB63

E5CF7A

E5D491

E5D9A7

E5DDBE

E5E2D5

E5E6EC

Harmonies

Analogous

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

FFA245

E5BD1E

9FD139

Triad

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

E5BD1E

00E1FF

FF90FF

Complementary

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

E5BD1E

1E46E5

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.

BEAFFF

E5BD1E

00DAFF

Square

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

E5BD1E

00E2BD

00C9FF

FF7DC5

Rectangle

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

E5BD1E

61D960

00C9FF

FD9AFF

Sweetspot

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

E5BD1E

FFF2BD

E51E49

807858

000000

808080

Same Dimension

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

E5BD1E

FFCC00

ADE51E

737067

B38F00

332900

Inverse Universe

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

1E46E5

0033FF

561EE5

676A73

0024B3

000A33

Previews

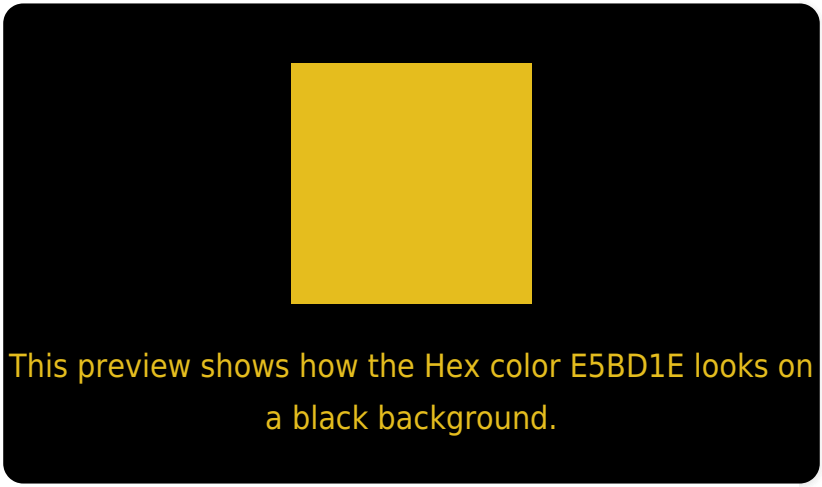
White Background

This preview shows how the Hex color E5BD1E 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 E5BD1E Background

This preview shows how black text looks on a background with the Hex color E5BD1E.

This preview shows how white text looks on a background with the Hex color E5BD1E.

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
E5BD1E

Protanopia
D9C11F

Deuteranopia
F3B722

Tritanopia
EFB0BD

Trichromacy

Original Color
E5BD1E

Protanomaly
DDC01F

Deuteranomaly
EEB921

Tritanomaly
EBB583

Monochromacy

Original Color
E5BD1E

Achromatopsia
B7B7B7

Achromatomaly
C8B97F

CSS Examples

Text

The CSS property to change the color of the text to Hex E5BD1E 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 #E5BD1E looks like.

```
.text, #text, p{
    color:#E5BD1E
}
```

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 #E5BD1E colored shadow looks like.

Here you see how black text with a 4 pixel #E5BD1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5BD1E
}
```

Border

The CSS property to change the border of an element to Hex E5BD1E 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
#E5BD1E }
```

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

```
.border{ border-color:#E5BD1E }
```

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

Here you see how a box with a 4 pixel #E5BD1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #E5BD1E; -webkit-box-shadow:4px 4px 4px 4px #E5BD1E; box-shadow:4px 4px 4px 4px #E5BD1E }
```

Background

The CSS property to change the background color of an element to Hex E5BD1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#E5BD1E }
```

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

```
.background{ background-color:#E5BD1E }
```

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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