

Converting Colors

Hex(E3D15B)

Have a look what the booklet for
Hex(E3D15B) contains.

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Color

Hex(E3D15B)

Conversions

Conversions Part 1

Format	Color
Hex	E3D15B
RGB	227, 209, 91
RGB Percent	89%, 82%, 36%
CMY	0.1098, 0.1804, 0.6431
CMYK	0.00, 0.08, 0.60, 0.11
HSL	52°, 71%, 62%
HSV	52°, 60%, 89%
XYZ	56.3673, 62.6872, 19.0265
YIQ	200.9300, 48.6060, -32.8820

Conversions

Conversions Part 2

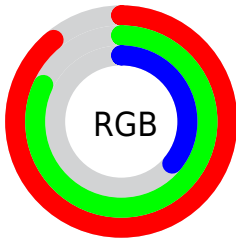
Format	Color
RYB	112, 227, 91
Decimal	14930267
CIELab	83.28, -7.84, 59.35
CIELCh	83, 59.870, 97.524
Yxy	62.6872, 0.4082, 0.4540
Android (android.graphics.Color)	4293120347 (0xFFE3D15B)
YUV	200.9300, -54.1955, 22.8634
Hunter-Lab	79.1752, -11.4768, 41.1748

Details

The Hex color **E3D15B** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5B6DE3**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF91**, and **A99B23** is the 20% darker color. If you saturate the color by 10%, you get **E3CE44**, and if you desaturate by 10%, it is **E3D472**.

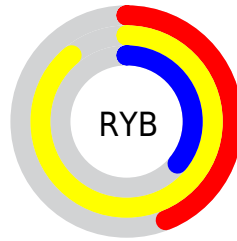
Distribution



Red (89%)

Green (82%)

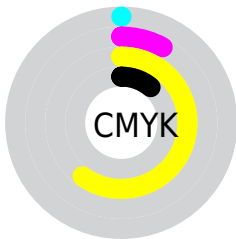
Blue (36%)



Red (44%)

Yellow (89%)

Blue (36%)

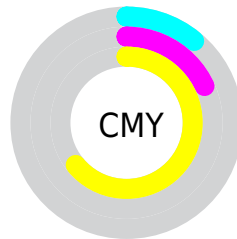


Cyan (0%)

Magenta (8%)

Yellow (60%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3D15B 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 E3D15B by changing the saturation by 10% instead.

 E3D15B

 E3D15B

FFFFFF

 C6B640

 FFFF91

 A99B23

 FFFFAD

 8C8100

 FFFFC9

 716800

 FFFFEE

 565000

 3B3A00

 222400

 001000

 000000

 E3D15B

 E3D15B

 E3CE44

 E3D472

 E3CB2E

 E3D788

 E3C817

 E3DA9F

 E3C500

 E3DDB6

 E3E0CD

 E3E3E3

 E3E6FA

 E3E9FF

 E3ECFF

Harmonies

Analogous

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



FFBD67



E3D15B



A7E072

Triad

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



E3D15B



00EAFB



FFA7FC

Complementary

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



E3D15B



5B6DE3

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.



E6BBFF



E3D15B



00E1FF

Square

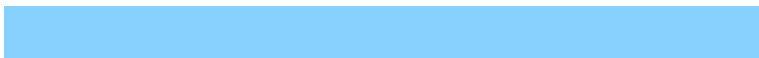
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3D15B



00ECDC



87D1FF



FF9FC3

Rectangle

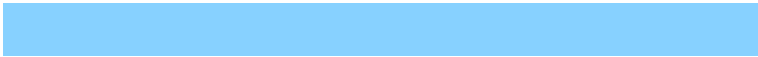
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3D15B



75E691



87D1FF



FFADFF

Sweetspot

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



E3D15B



FFF9D1



E35B6D



807C63



000000



808080

Same Dimension

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



E3D15B



FFE747



B1E35B



737167



B39B00



332C00

Inverse Universe

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



5B6DE3



4760FF



8D5BE3



676973



0018B3



000733

Previews

White Background



This preview shows how the Hex color E3D15B looks on a white background.

Color Contrast Check

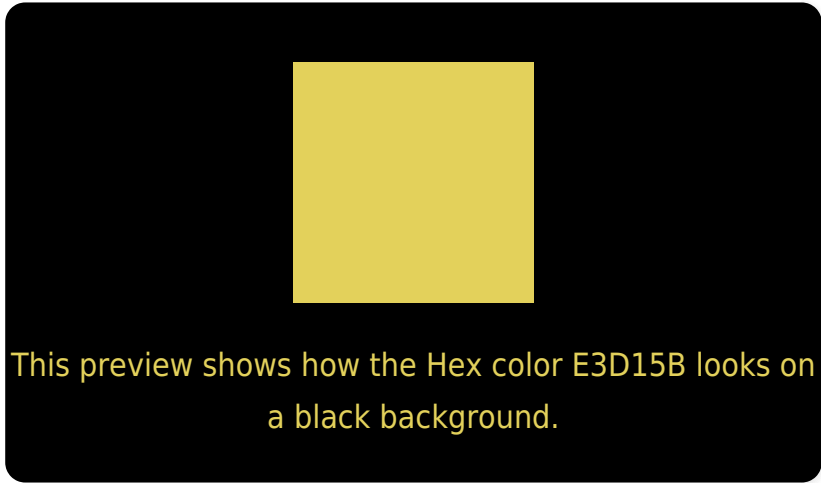
Large Text (above 18pt) WCAG AA × Fail

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 E3D15B Background



This preview shows how black text looks on a background with the Hex color E3D15B.



This preview shows how white text looks on a background with the Hex color E3D15B.

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
E3D15B

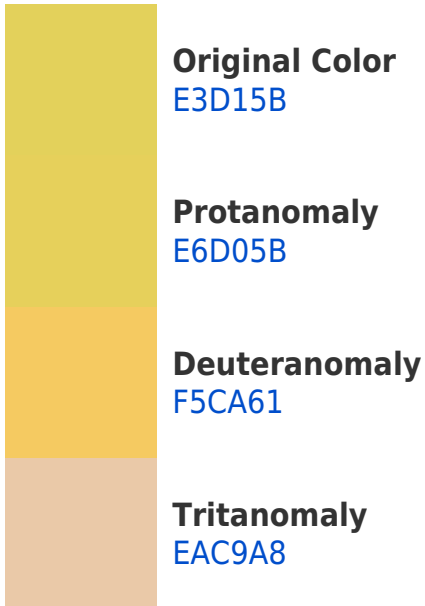
Protanopia
E7D05B

Deuteranopia
FFC665

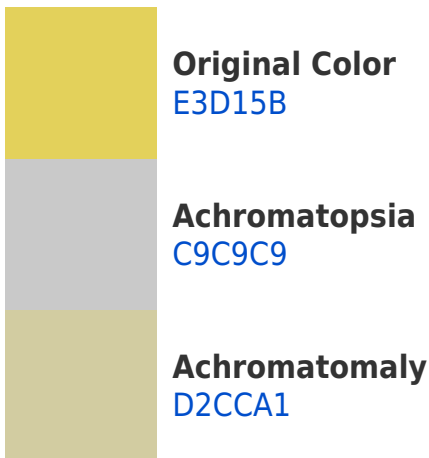


Tritanopia
EEC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3D15B 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 #E3D15B looks like.

```
.text, #text, p{  
    color:#E3D15B  
}
```

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 #E3D15B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D15B
}
```

Border

The CSS property to change the border of an element to Hex E3D15B 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
#E3D15B }
```

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

```
.border{ border-color:#E3D15B }
```

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

Here you see how a box with a 4 pixel #E3D15B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D15B; -webkit-box-shadow:4px 4px  
4px 4px #E3D15B; box-shadow:4px 4px 4px  
4px #E3D15B }
```

Background

The CSS property to change the background color of an element to Hex E3D15B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D15B }
```

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

```
.background{ background-color:#E3D15B }
```

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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