

# Converting Colors

Hex(E5D317)

Have a look what the booklet for  
Hex(E5D317) contains.

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**Color**

**Hex(E5D317)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D317
RGB	229, 211, 23
RGB Percent	90%, 83%, 9%
CMY	0.1020, 0.1725, 0.9098
CMYK	0.00, 0.08, 0.90, 0.10
HSL	55°, 82%, 49%
HSV	55°, 90%, 90%
XYZ	55.7620, 63.3084, 10.0914
YIQ	194.9500, 71.0760, -54.6520

# Conversions

## Conversions Part 2

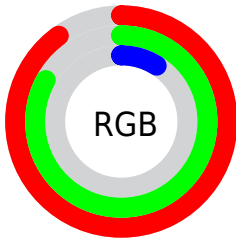
Format	Color
R <sub>Y</sub> B	43, 229, 23
Decimal	15061783
CIE Lab	83.60, -10.76, 81.22
CIE LCh	84, 81.932, 97.545
Yxy	63.3084, 0.4317, 0.4901
Android (android.graphics.Color)	4293251863 (0xFFE5D317)
YUV	194.9500, -84.7713, 29.8619
Hunter-Lab	79.5666, -14.1448, 48.1769

# Details

The Hex color **E5D317** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1729E5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF5E**, and **A99D00** is the 20% darker color. If you saturate the color by 10%, you get **E5D100**, and if you desaturate by 10%, it is **E5D52E**.

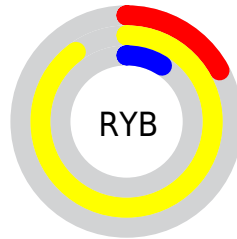
# Distribution



Red (90%)

Green (83%)

Blue (9%)



Red (17%)

Yellow (90%)

Blue (9%)

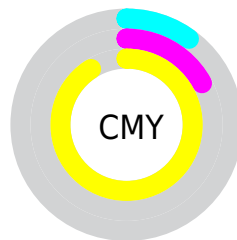


Cyan (0%)

Magenta (8%)

Yellow (90%)

Black (10%)



Cyan (10%)

Magenta (17%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5D317 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 E5D317 by changing the saturation by 10% instead.



 E5D317

 E5D317

FFFFFF

 C7B800

 FFFF5E

 A99D00

 FFFF7B

 8C8300

 FFFF98

 6F6A00

 FFFFB5

 535200

 FFFFD3

 383C00

 FFFFF1

 1F2600

 001300

 000000

 E5D317

 E5D317

 E5D100

 E5D52E

 E5D745

 E5D95C

 E5DB73

 E5DD8A

 E5DFA0

 E5E1B7

 E5E3CE

 E5E5E5

# Harmonies

## Analogous

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



FFB738



E5D317



93E64A

# Triad

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



E5D317



00F3FF



FF92FF

# Complementary

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



E5D317



1729E5

# 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.



ECB3FF



E5D317



00E8FF

# Square

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



E5D317



00F5E2



2FD3FF



FF84C0

# Rectangle

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



E5D317



36EE79



2FD3FF



FF9CFF



# Sweetspot

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



E5D317



FFF9BA



E5172C



807C57



000000



808080



# Same Dimension

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



E5D317



FFE900



93E517



737267



B3A300



332F00



# Inverse Universe

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



1729E5



0016FF



6917E5



676873



0010B3



000433



# Previews

## White Background



This preview shows how the Hex color E5D317 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



This preview shows how the Hex color E5D317 looks on a 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 E5D317 Background



This preview shows how black text looks on a background with the Hex color E5D317.

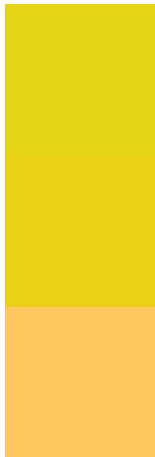


This preview shows how white text looks on a background with the Hex color E5D317.

# 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**  
E5D317

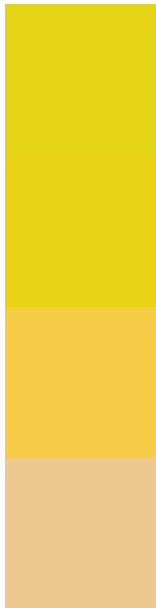
**Protanopia**  
EBD116

**Deuteranopia**  
FFC75F



**Tritanopia**  
F2C4D3

# Trichromacy



**Original Color**  
E5D317

**Protanomaly**  
E9D216

**Deuteranomaly**  
F6CB45

**Tritanomaly**  
EDC98F

# Monochromacy



**Original Color**  
E5D317

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
CFC984

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5D317 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 #E5D317 looks like.

```
.text, #text, p{  
    color:#E5D317  
}
```

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 #E5D317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5D317
}
```

## Border

The CSS property to change the border of an element to Hex E5D317 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
#E5D317 }
```

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

```
.border{ border-color:#E5D317 }
```

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

Here you see how a box with a 4 pixel #E5D317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5D317; -webkit-box-shadow:4px 4px  
4px 4px #E5D317; box-shadow:4px 4px 4px  
4px #E5D317 }
```

# Background

The CSS property to change the background color of an element to Hex E5D317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5D317 }
```

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

```
.background{ background-color:#E5D317 }
```

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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