

Converting Colors

Hex(E1D645)

Have a look what the booklet for
Hex(E1D645) contains.

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Color

Hex(E1D645)

Conversions

Conversions Part 1

Format	Color
Hex	E1D645
RGB	225, 214, 69
RGB Percent	88%, 84%, 27%
CMY	0.1176, 0.1608, 0.7294
CMYK	0.00, 0.05, 0.69, 0.12
HSL	56°, 72%, 58%
HSV	56°, 69%, 88%
XYZ	56.1721, 64.5304, 15.1252
YIQ	200.7590, 53.1010, -42.7630

Conversions

Conversions Part 2

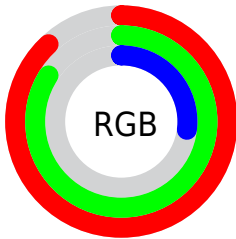
Format	Color
R_{YB}	81, 225, 69
Decimal	14800453
CIE _{Lab}	84.24, -12.48, 69.25
CIE _{LCh}	84, 70.365, 100.215
Yxy	64.5304, 0.4136, 0.4751
Android (android.graphics.Color)	4292990533 (0xFFE1D645)
YUV	200.7590, -64.9572, 21.2594
Hunter-Lab	80.3308, -15.7610, 45.0680

Details

The Hex color **E1D645** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4550E1**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFF7D**, and **A6A000** is the 20% darker color. If you saturate the color by 10%, you get **E1D42E**, and if you desaturate by 10%, it is **E1D85B**.

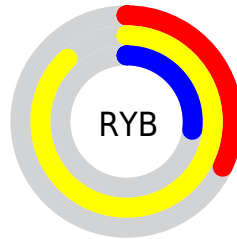
Distribution



Red (88%)

Green (84%)

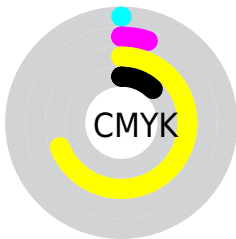
Blue (27%)



Red (32%)

Yellow (88%)

Blue (27%)

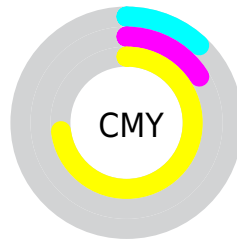


Cyan (0%)

Magenta (5%)

Yellow (69%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1D645 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 E1D645 by changing the saturation by 10% instead.

 E1D645

 E1D645

FFFFFF

 C3BA26

 FFFF7D

 A6A000

 FFFF99

 898600

 FFFFB6

 6D6D00

 FFFF D3

 525500

 FFFFF0

 373E00

 1E2800

 001500

 000000

 E1D645

 E1D645

 E1D42E

 E1D85B

 E1D318

 E1D972

 E1D101

 E1DB88

 E1D100

 E1DC9F

 E1DEB5

 E1E0CC

 E1E1E3

 E1E3F9

 E1E4FF

Harmonies

Analogous

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



FFBF51



E1D645



99E667

Triad

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



E1D645



00F0FF



FF9EFF

Complementary

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



E1D645



4550E1

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.



F4B7FF



E1D645



00E5FF

Square

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



E1D645



00F3E8



7ED2FF



FF96BE

Rectangle

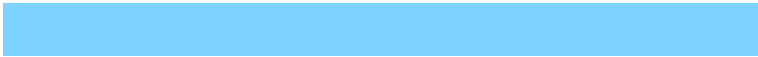
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1D645



54ED8D



7ED2FF



FFA5FF

Sweetspot

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



E1D645



FFFBC9



E14552



807D60



000000



808080

Same Dimension

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



E1D645



FFF02B



A0E145



706F65



B0A400



302D00

Inverse Universe

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



4550E1



2B3AFF



8645E1



656670



000CB0



000330

Previews

White Background



This preview shows how the Hex color E1D645 looks on a white background.

Color Contrast Check

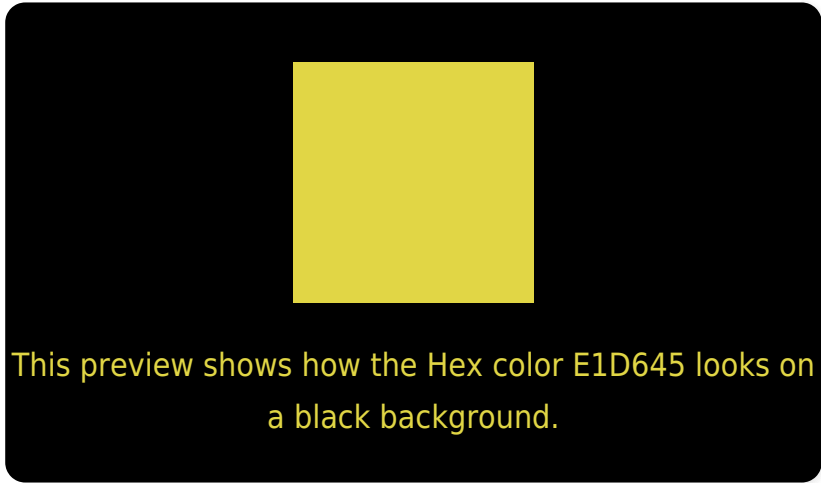
Large Text (above 18pt) WCAG AA × Fail

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 E1D645 Background



This preview shows how black text looks on a background with the Hex color E1D645.

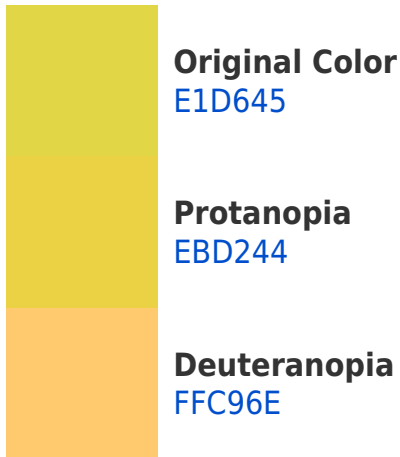


This preview shows how white text looks on a background with the Hex color E1D645.

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](#).

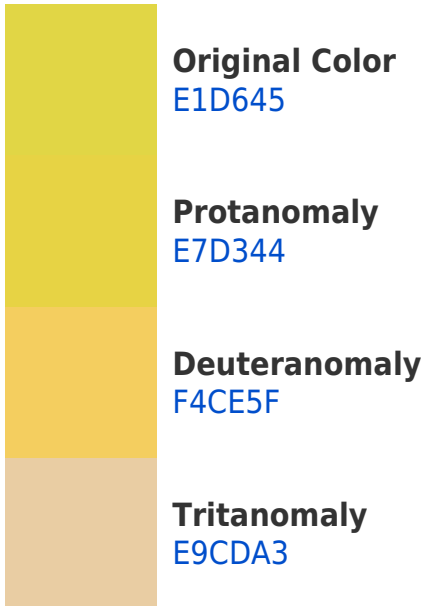
Dichromacy



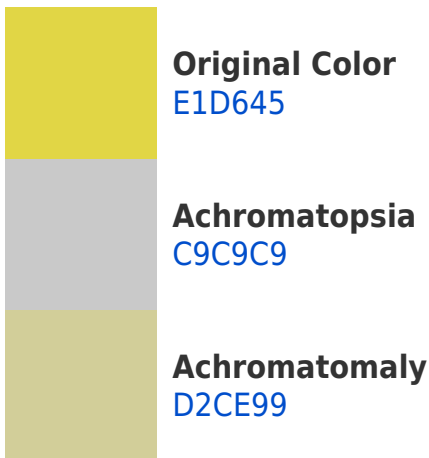


Tritanopia
EDC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1D645 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 #E1D645 looks like.

```
.text, #text, p{  
    color:#E1D645  
}
```

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 #E1D645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1D645
}
```

Border

The CSS property to change the border of an element to Hex E1D645 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
#E1D645 }
```

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

```
.border{ border-color:#E1D645 }
```

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

Here you see how a box with a 4 pixel #E1D645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1D645; -webkit-box-shadow:4px 4px  
4px 4px #E1D645; box-shadow:4px 4px 4px  
4px #E1D645 }
```

Background

The CSS property to change the background color of an element to Hex E1D645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1D645 }
```

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

```
.background{ background-color:#E1D645 }
```

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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