

Converting Colors

Hex(E3D455)

Have a look what the booklet for
Hex(E3D455) contains.

Hex(E3D455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E3D455)

Conversions

Conversions Part 1

Format	Color
Hex	E3D455
RGB	227, 212, 85
RGB Percent	89%, 83%, 33%
CMY	0.1098, 0.1686, 0.6667
CMYK	0.00, 0.07, 0.63, 0.11
HSL	54°, 72%, 61%
HSV	54°, 63%, 89%
XYZ	56.8617, 64.0737, 17.9649
YIQ	202.0070, 49.7070, -36.3170

Conversions

Conversions Part 2

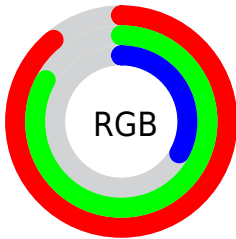
Format	Color
RYB	102, 227, 85
Decimal	14931029
CIELab	84.00, -9.75, 62.73
CIELCh	84, 63.479, 98.832
Yxy	64.0737, 0.4094, 0.4613
Android (android.graphics.Color)	4293121109 (0xFFE3D455)
YUV	202.0070, -57.6845, 21.9189
Hunter-Lab	80.0461, -13.2809, 42.7257

Details

The Hex color **E3D455** 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 **5564E3**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF8C**, and **A89E1A** is the 20% darker color. If you saturate the color by 10%, you get **E3D23E**, and if you desaturate by 10%, it is **E3D66C**.

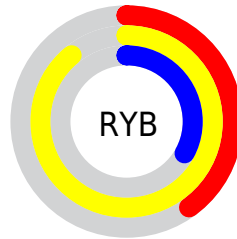
Distribution



Red (89%)

Green (83%)

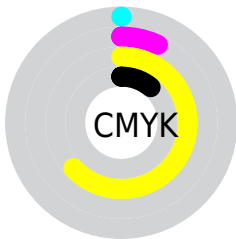
Blue (33%)



Red (40%)

Yellow (89%)

Blue (33%)

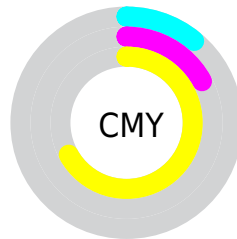


Cyan (0%)

Magenta (7%)

Yellow (63%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3D455 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 E3D455 by changing the saturation by 10% instead.

 E3D455

 E3D455

FFFFFF

 C5B839

 FFFF8C

 A89E1A

 FFFFA7

 8C8400

 FFFFC4

 706B00

 FFFFE1

 555300

FFFFFFE

 3B3C00

 212700

 001300

 000000

 E3D455

 E3D455

 E3D23E

 E3D66C

 E3CF28

 E3D982

 E3CD11

 E3DB99

 E3CB00

 E3DEB0

 E3E0C6

 E3E2DD

 E3E5F4

 E3E7FF

 E3EAFF

Harmonies

Analogous

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



FFBF60



E3D455



A3E370

Triad

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



E3D455



00EDFF



FFA5FE

Complementary

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



E3D455



5564E3

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.



EDBBFF



E3D455



00E3FF

Square

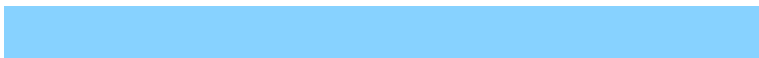
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3D455



00F0E2



87D2FF



FF9DC2

Rectangle

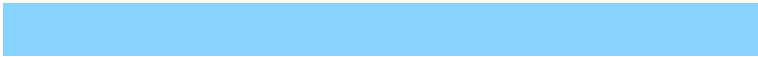
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3D455



6BEA91



87D2FF



FFABFF

Sweetspot

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



E3D455



FFFACD



E35566



807C62



000000



808080

Same Dimension

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



E3D455



FFEB40



ADE355



737267



B3A000



332E00

Inverse Universe

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



5564E3



4054FF



8B55E3



676873



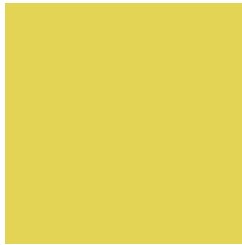
0013B3



000533

Previews

White Background



This preview shows how the Hex color E3D455 looks on a white background.

Color Contrast Check

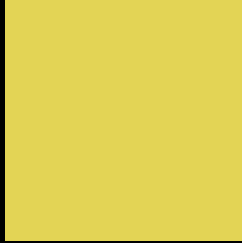
Large Text (above 18pt) WCAG AA × Fail

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 E3D455 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 E3D455 Background



This preview shows how black text looks on a background with the Hex color E3D455.

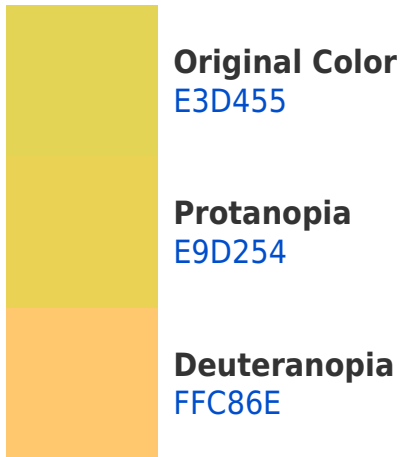


This preview shows how white text looks on a background with the Hex color E3D455.

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](#).

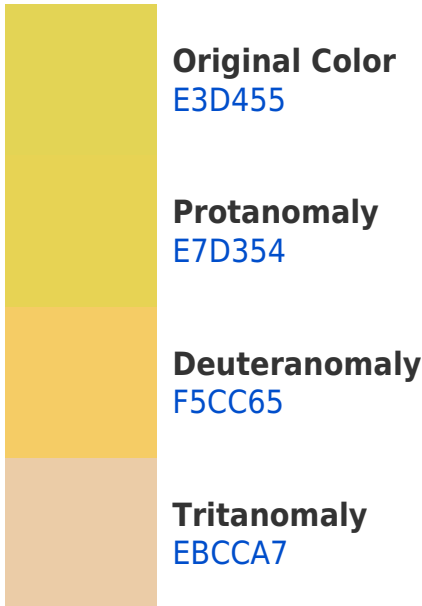
Dichromacy



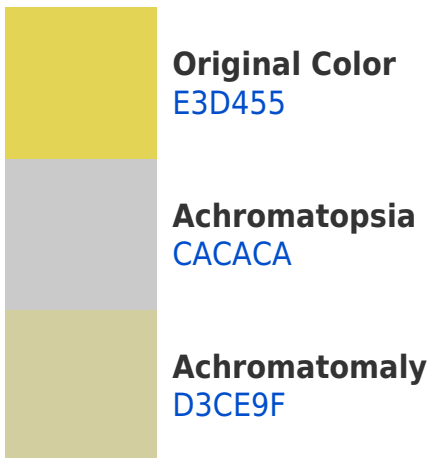


Tritanopia
EFC7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3D455 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 #E3D455 looks like.

```
.text, #text, p{  
  color:#E3D455  
}
```

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 #E3D455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3D455
}
```

Border

The CSS property to change the border of an element to Hex E3D455 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
#E3D455 }
```

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

```
.border{ border-color:#E3D455 }
```

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

Here you see how a box with a 4 pixel #E3D455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3D455; -webkit-box-shadow:4px 4px  
4px 4px #E3D455; box-shadow:4px 4px 4px  
4px #E3D455 }
```

Background

The CSS property to change the background color of an element to Hex E3D455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3D455 }
```

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

```
.background{ background-color:#E3D455 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor