

Converting Colors

Hex(E2D955)

Have a look what the booklet for
Hex(E2D955) contains.

Hex(E2D955)	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(E2D955)

Conversions

Conversions Part 1

Format	Color
Hex	E2D955
RGB	226, 217, 85
RGB Percent	89%, 85%, 33%
CMY	0.1137, 0.1490, 0.6667
CMYK	0.00, 0.04, 0.62, 0.11
HSL	56°, 71%, 61%
HSV	56°, 62%, 89%
XYZ	57.8166, 66.4503, 18.3733
YIQ	204.6430, 47.7360, -39.1440

Conversions

Conversions Part 2

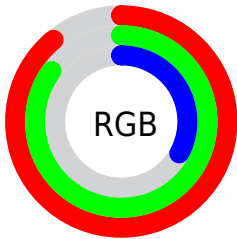
Format	Color
RYB	95, 226, 85
Decimal	14866773
CIELab	85.23, -12.67, 64.01
CIELCh	85, 65.249, 101.194
Yxy	66.4503, 0.4053, 0.4659
Android (android.graphics.Color)	4293056853 (0xFFE2D955)
YUV	204.6430, -58.9840, 18.7301
Hunter-Lab	81.5171, -16.0525, 43.6985

Details

The Hex color **E2D955** 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 **555EE2**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF8C**, and **A8A219** is the 20% darker color. If you saturate the color by 10%, you get **E2D83E**, and if you desaturate by 10%, it is **E2DA6C**.

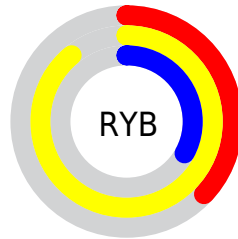
Distribution



Red (89%)

Green (85%)

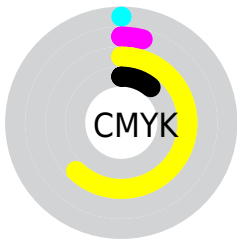
Blue (33%)



Red (37%)

Yellow (89%)

Blue (33%)

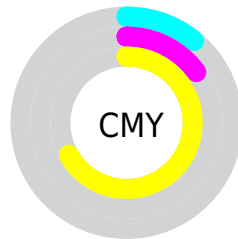


Cyan (0%)

Magenta (4%)

Yellow (62%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2D955 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 E2D955 by changing the saturation by 10% instead.

 E2D955

 E2D955

FFFFFF

 C5BD39

 FFFF8C

 A8A219

 FFFFA8

 8B8800

 FFFFC4

 6F6F00

 FFFF E1

 555700

 3A4000

 202A00

 001700

 000000

 E2D955

 E2D955

 E2D83E

 E2DA6C

 E2D628

 E2DC82

 E2D511

 E2DD99

 E2D400

 E2DFAF

 E2E0C6

 E2E2DD

 E2E3F3

 E2E5FF

 E2E6FF

Harmonies

Analogous

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



FFC45E



E2D955



9EE874

Triad

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



E2D955



00F1FF



FFA5FE

Complementary

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



E2D955



555EE2

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.



F7BBFF



E2D955



00E6FF

Square

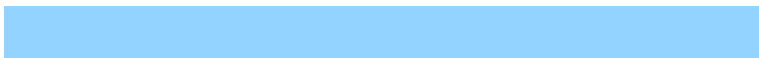
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E2D955



00F4EB



92D4FF



FF9FC0

Rectangle

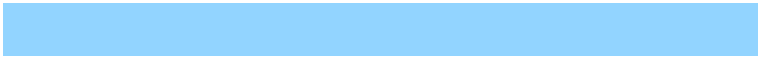
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2D955



62EF97



92D4FF



FFACFF

Sweetspot

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



E2D955



FFFCCF



E2555E



807E62



000000



808080

Same Dimension

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



E2D955



FFF340



A5E255



706F65



B0A500



302D00

Inverse Universe

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



555EE2



404CFF



9255E2



656670



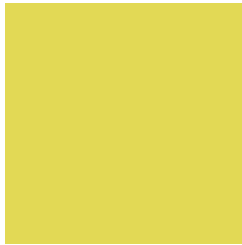
000BB0



000330

Previews

White Background



This preview shows how the Hex color E2D955 looks on a white background.

Color Contrast Check

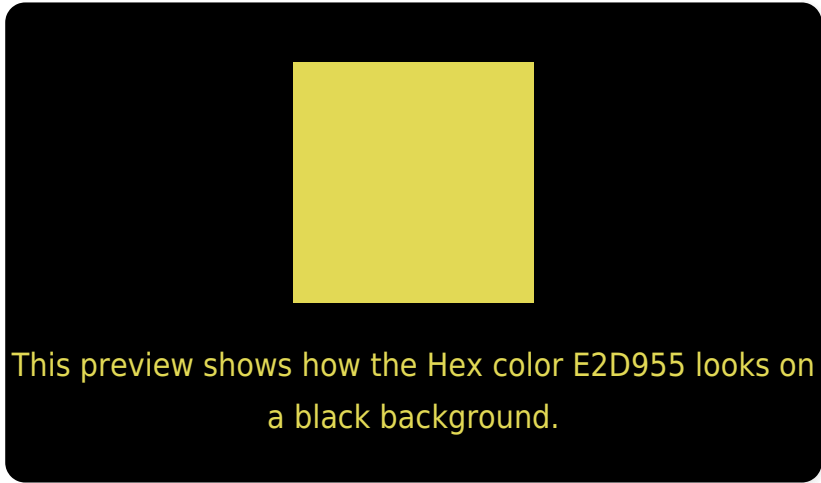
Large Text (above 18pt) WCAG AA × Fail

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 E2D955 Background



This preview shows how black text looks on a background with the Hex color E2D955.

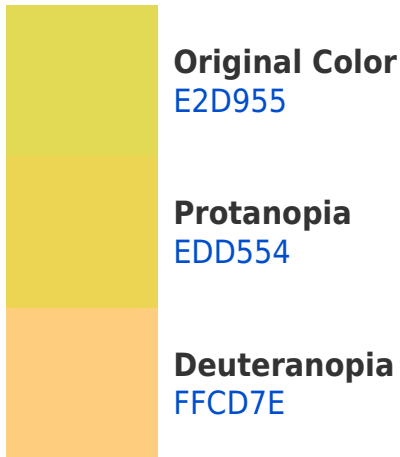


This preview shows how white text looks on a background with the Hex color E2D955.

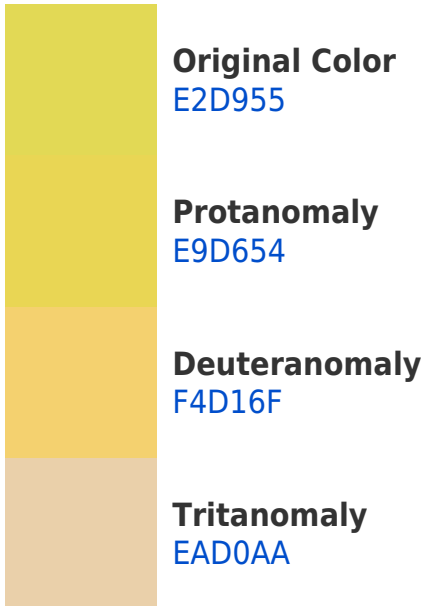
Color Blindness Simulation

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](#).

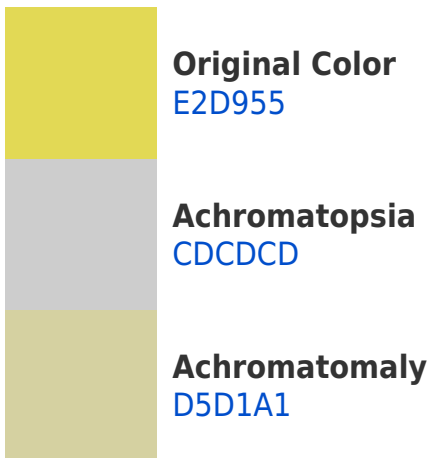
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E2D955 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 #E2D955 looks like.

```
.text, #text, p{  
    color:#E2D955  
}
```

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 #E2D955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D955  
}
```

Border

The CSS property to change the border of an element to Hex E2D955 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  
#E2D955 }
```

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

```
.border{ border-color:#E2D955 }
```

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

Here you see how a box with a 4 pixel #E2D955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D955; -webkit-box-shadow:4px 4px  
4px 4px #E2D955; box-shadow:4px 4px 4px  
4px #E2D955 }
```

Background

The CSS property to change the background color of an element to Hex E2D955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D955 }
```

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

```
.background{ background-color:#E2D955 }
```

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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