

Converting Colors

Hex(E5E53D)

Have a look what the booklet for
Hex(E5E53D) contains.

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Color

Hex(E5E53D)

Conversions

Conversions Part 1

Format	Color
Hex	E5E53D
RGB	229, 229, 61
RGB Percent	90%, 90%, 24%
CMY	0.1020, 0.1020, 0.7608
CMYK	0.00, 0.00, 0.73, 0.10
HSL	60°, 76%, 57%
HSV	60°, 73%, 90%
XYZ	61.1747, 73.0336, 15.2875
YIQ	209.8480, 53.9280, -52.2480

Conversions

Conversions Part 2

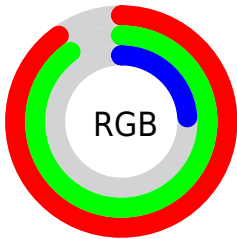
Format	Color
RYB	61, 229, 61
Decimal	15066429
CIELab	88.46, -18.58, 76.16
CIELCh	88, 78.393, 103.707
Yxy	73.0336, 0.4092, 0.4885
Android (android.graphics.Color)	4293256509 (0xFFE5E53D)
YUV	209.8480, -73.3821, 16.7963
Hunter-Lab	85.4597, -21.7785, 49.2156

Details

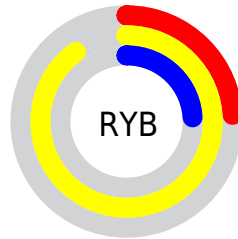
The Hex color **E5E53D** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3D3DE5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF78**, and **AAAE00** is the 20% darker color. If you saturate the color by 10%, you get **E5E526**, and if you desaturate by 10%, it is **E5E554**.

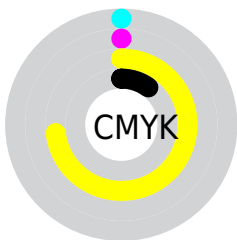
Distribution



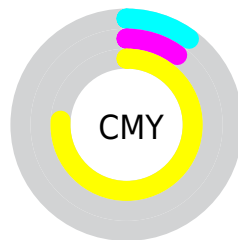
- Red (90%)
- Green (90%)
- Blue (24%)



- Red (24%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5E53D 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 E5E53D by changing the saturation by 10% instead.

 E5E53D

 E5E53D

FFFFFF

 C7C917

 FFFF78

 AAAE00

 FFFF95

 8D9300

 FFFFB2

 707A00

 FFFFCE

 556100

 FFFFEC

 394900

 1F3300

 001F00

 000000

 E5E53D

 E5E53D

 E5E526

 E5E554

 E5E50F

 E5E56B

 E5E500

 E5E582

 E5E599

 E5E5B0

 E5E5C6

 E5E5DD

 E5E5F4

 E5E5FF

Harmonies

Analogous

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



FFCB46



E5E3D



91F66B

Triad

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



E5E53D



00FEFF



FF9FFF

Complementary

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



E5E53D



3D3DE5

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.



FFBBFF



E5E53D



00F2FF

Square

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



E5E53D



00FFFF



8FDBFF



FF99BF

Rectangle

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



E5E53D



28FD99



8FDBFF



FFA7FF

Sweetspot

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



E5E53D



FFFFC7



E53D3D



80805E



000000



808080

Same Dimension

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



E5E53D



FFFF1F



91E53D



737367



B3B300



333300

Inverse Universe

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



3D3DE5



1F1FFF



913DE5



676773



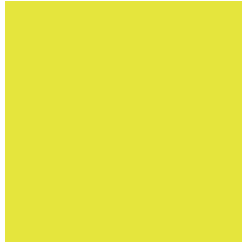
0000B3



000033

Previews

White Background



This preview shows how the Hex color E5E53D 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 E5E53D 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 E5E53D Background



This preview shows how black text looks on a background with the Hex color E5E53D.

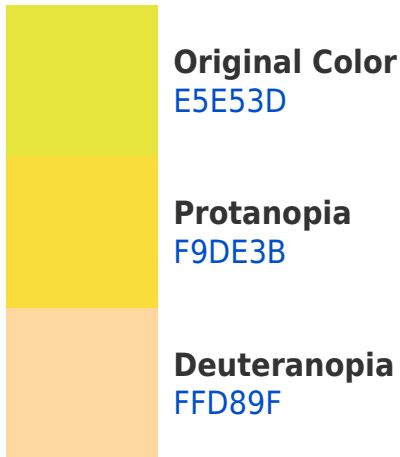


This preview shows how white text looks on a background with the Hex color E5E53D.

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](#).

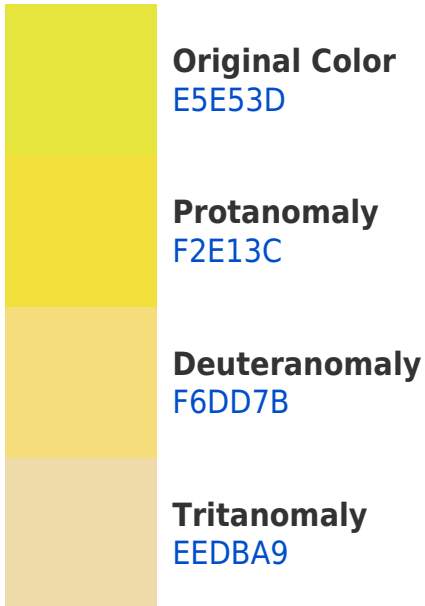
Dichromacy



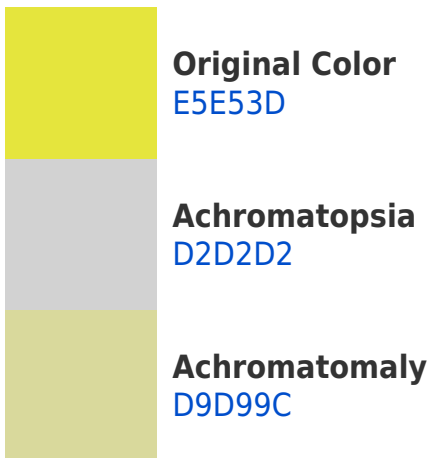


Tritanopia
F3D6E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5E53D 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 #E5E53D looks like.

```
.text, #text, p{  
    color:#E5E53D  
}
```

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 #E5E53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5E53D
}
```

Border

The CSS property to change the border of an element to Hex E5E53D 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
#E5E53D }
```

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

```
.border{ border-color:#E5E53D }
```

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

Here you see how a box with a 4 pixel #E5E53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5E53D; -webkit-box-shadow:4px 4px  
4px 4px #E5E53D; box-shadow:4px 4px 4px  
4px #E5E53D }
```

Background

The CSS property to change the background color of an element to Hex E5E53D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5E53D }
```

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

```
.background{ background-color:#E5E53D }
```

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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