

Converting Colors

Hex(E1E242)

Have a look what the booklet for
Hex(E1E242) contains.

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Color

Hex(E1E242)

Conversions

Conversions Part 1

Format	Color
Hex	E1E242
RGB	225, 226, 66
RGB Percent	88%, 89%, 26%
CMY	0.1176, 0.1137, 0.7412
CMYK	0.00, 0.00, 0.71, 0.11
HSL	60°, 73%, 57%
HSV	60°, 71%, 89%
XYZ	59.2311, 70.7936, 15.6970
YIQ	207.4610, 50.7640, -49.9720

Conversions

Conversions Part 2

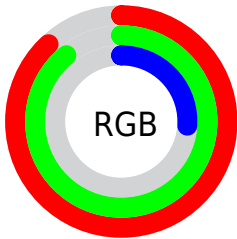
Format	Color
RYB	66, 226, 67
Decimal	14803522
CIELab	87.38, -18.55, 73.38
CIELCh	87, 75.687, 104.184
Yxy	70.7936, 0.4065, 0.4858
Android (android.graphics.Color)	4292993602 (0xFFE1E242)
YUV	207.4610, -69.7403, 15.3817
Hunter-Lab	84.1389, -21.5850, 47.8361

Details

The Hex color **E1E242** 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 **4342E2**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF7C**, and **A6AB00** is the 20% darker color. If you saturate the color by 10%, you get **E1E22B**, and if you desaturate by 10%, it is **E1E259**.

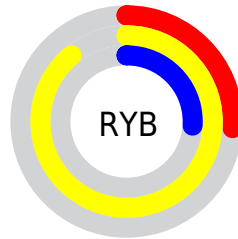
Distribution



Red (88%)

Green (89%)

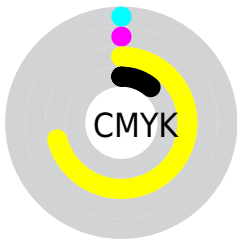
Blue (26%)



Red (26%)

Yellow (89%)

Blue (26%)

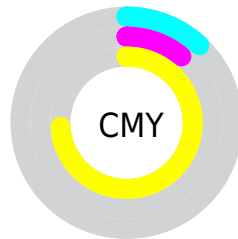


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1E242 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 E1E242 by changing the saturation by 10% instead.

 E1E242

 E1E242

FFFFFF

 C3C620

 FFFF7C

 A6AB00

 FFFF98

 899100

 FFFFB5

 6D7700

 FFFF D2

 525E00


 FFFF EF

 364700

 1C3100

 001D00

 000000

 E1E242

 E1E242

 E1E22B

 E1E259

 E1E215

 E1E26F

 E1E200

 E1E286

 E2E29C

 E2E2B3

 E2E2CA

 E2E2E0

 E2E2F7

 E2E2FF

Harmonies

Analogous

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



FFCA49



E1E242



8FF26E

Triad

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



E1E242



00FAFF



FF9FFF

Complementary

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



E1E242



4342E2

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.



FFB9FF



E1E242



00EEFF

Square

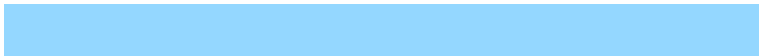
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1E242



00FEFC



94D7FF



FF9ABC

Rectangle

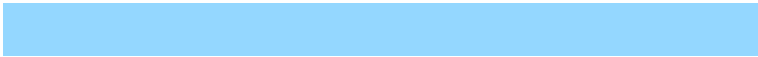
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1E242



30F999



94D7FF



FFA6FF

Sweetspot

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



E1E242



FFF9C9



E24242



7F8060



000000



808080

Same Dimension

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



E1E242



FEFF26



92E242



707065



AFB000



303000

Inverse Universe

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



4342E2



2826FF



9242E2



656570



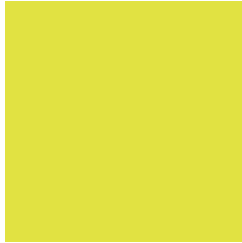
0100B0



000030

Previews

White Background



This preview shows how the Hex color E1E242 looks on a white background.

Color Contrast Check

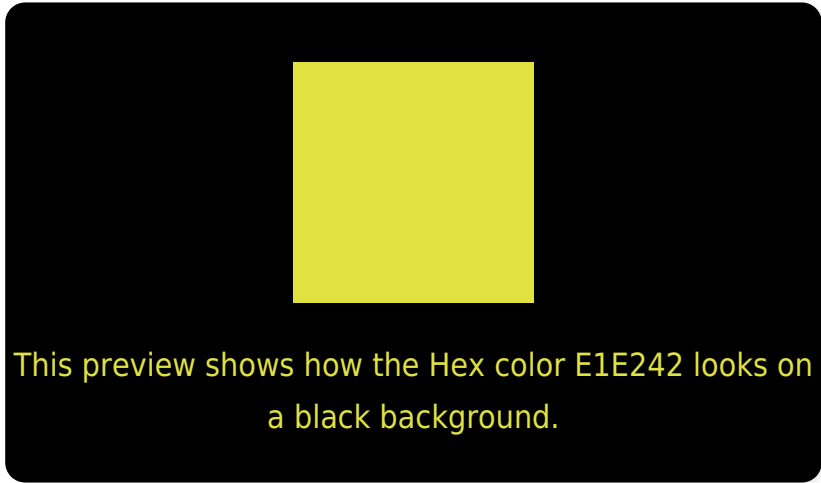
Large Text (above 18pt) WCAG AA × Fail

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 E1E242 Background



This preview shows how black text looks on a background with the Hex color E1E242.

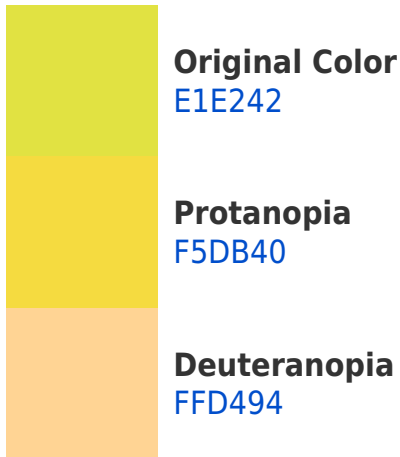


This preview shows how white text looks on a background with the Hex color E1E242.

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](#).

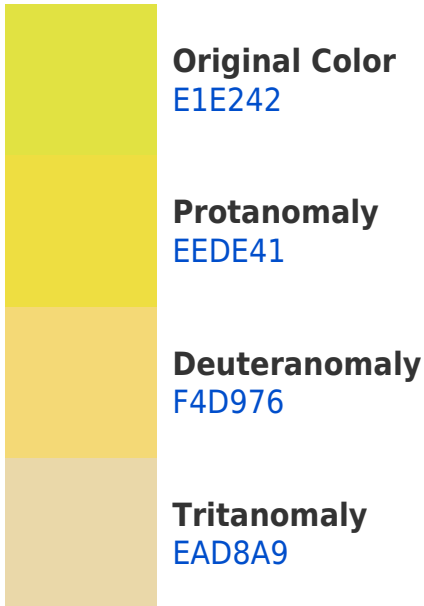
Dichromacy





Tritanopia
EFD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1E242 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 #E1E242 looks like.

```
.text, #text, p{  
    color:#E1E242  
}
```

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 #E1E242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E242
}
```

Border

The CSS property to change the border of an element to Hex E1E242 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
#E1E242 }
```

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

```
.border{ border-color:#E1E242 }
```

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

Here you see how a box with a 4 pixel #E1E242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E242; -webkit-box-shadow:4px 4px  
4px 4px #E1E242; box-shadow:4px 4px 4px  
4px #E1E242 }
```

Background

The CSS property to change the background color of an element to Hex E1E242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E242 }
```

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

```
.background{ background-color:#E1E242 }
```

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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