

# Converting Colors

Hex(E1E267)

Have a look what the booklet for  
Hex(E1E267) contains.

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**Color**

**Hex(E1E267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E267
RGB	225, 226, 103
RGB Percent	88%, 89%, 40%
CMY	0.1176, 0.1137, 0.5961
CMYK	0.00, 0.00, 0.54, 0.11
HSL	60°, 68%, 65%
HSV	60°, 54%, 89%
XYZ	60.6959, 71.3795, 23.4106
YIQ	211.6790, 38.8870, -38.4650

# Conversions

## Conversions Part 2

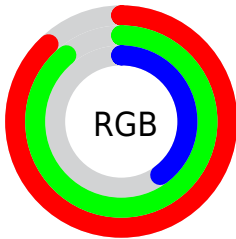
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 226, 104</a>
Decimal	<a href="#">14803559</a>
CIELab	<a href="#">87.67, -16.28, 58.92</a>
CIELCh	<a href="#">88, 61.132, 105.445</a>
Yxy	<a href="#">71.3795, 0.3904, 0.4591</a>
Android (android.graphics.Color)	<a href="#">4292993639 (0xFFE1E267)</a>
YUV	<a href="#">211.6790, -53.5787, 11.6825</a>
Hunter-Lab	<a href="#">84.4864, -19.6151, 42.7117</a>

# Details

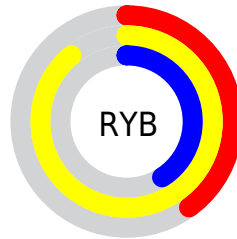
The Hex color **E1E267** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6867E2**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF9E**, and **A7AB31** is the 20% darker color. If you saturate the color by 10%, you get **E1E250**, and if you desaturate by 10%, it is **E1E27E**.

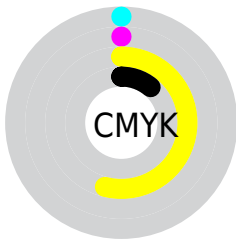
# Distribution



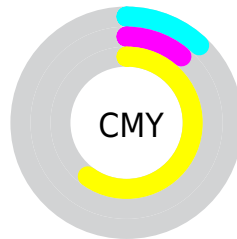
- Red (88%)
- Green (89%)
- Blue (40%)



- Red (40%)
- Yellow (89%)
- Blue (41%)



- Cyan (0%)
- Magenta (0%)
- Yellow (54%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1E267 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 E1E267 by changing the saturation by 10% instead.



 E1E267

 E1E267

FFFFFF

 C4C64C

 FFFF9E

 A7AB31

 FFFFBA

 8B900F

 FFFFD6


 707700

 FFFFF3

 555E00

 3B4700

 213000

 011D00

 000000

 E1E267

 E1E267

 E1E250

 E1E27E

 E1E23A

 E1E294

 E0E223

 E2E2AB

 E0E20D

 E2E2C1

 E0E200

 E2E2D8

 E2E2EF

 E2E2FF

 E3E2FF

# Harmonies

## Analogous

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



FFCF69



E1E267



9FF087

# Triad

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



E1E267



00F5FF



FFAEFB

# Complementary

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



E1E267



6867E2

# 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.



FFC1FF



E1E267



00EAFF

# Square

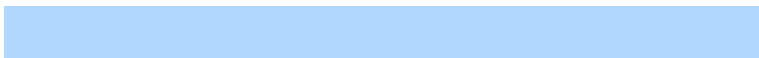
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1E267



00F9F9



B1D7FF



FFACCO

# Rectangle

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



E1E267



66F6A9



B1D7FF



FFB3FF



# Sweetspot

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



E1E267



FFFFD6



E26767



7F8067



000000



808080



# Same Dimension

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



E1E267



FEFF59



A5E267



707065



AFB000



303000



# Inverse Universe

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



6867E2



5B59FF



A567E2



656570



0100B0

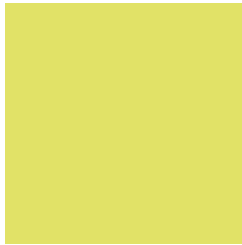


000030



# Previews

## White Background



This preview shows how the Hex color E1E267 looks on a white background.

## Color Contrast Check

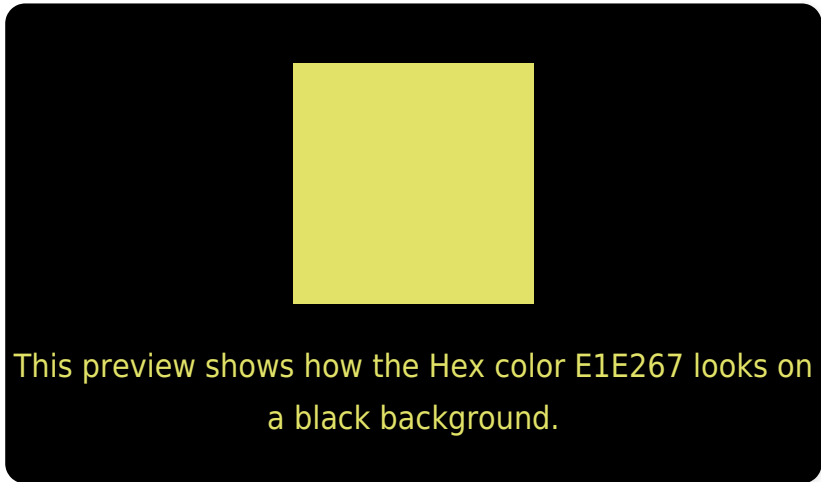
Large Text (above 18pt) WCAG AA × Fail

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 E1E267 Background



This preview shows how black text looks on a background with the Hex color E1E267.

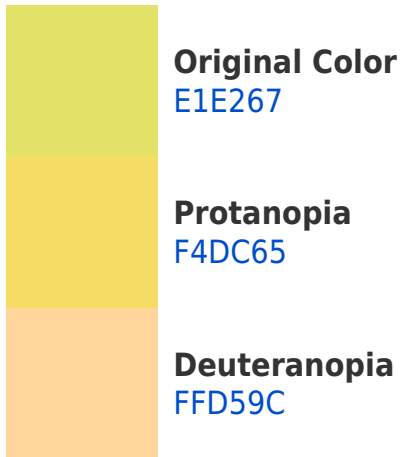


This preview shows how white text looks on a background with the Hex color E1E267.

# Color Blindness Simulation

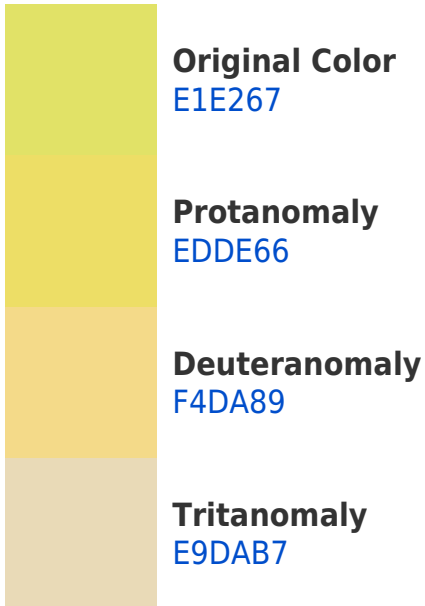
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

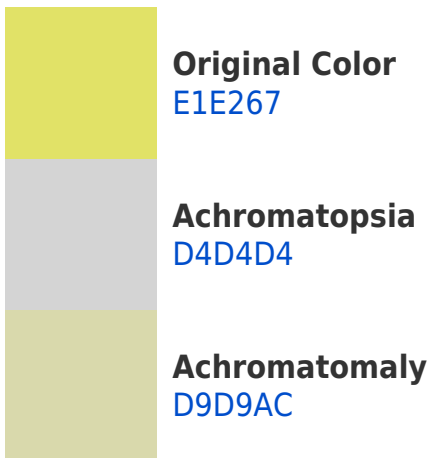




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1E267 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 #E1E267 looks like.

```
.text, #text, p{  
    color:#E1E267  
}
```

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 #E1E267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1E267
}
```

## Border

The CSS property to change the border of an element to Hex E1E267 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
#E1E267 }
```

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

```
.border{ border-color:#E1E267 }
```

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

Here you see how a box with a 4 pixel #E1E267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1E267; -webkit-box-shadow:4px 4px  
4px 4px #E1E267; box-shadow:4px 4px 4px  
4px #E1E267 }
```

# Background

The CSS property to change the background color of an element to Hex E1E267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1E267 }
```

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

```
.background{ background-color:#E1E267 }
```

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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