

# Converting Colors

Hex(E3EA63)

Have a look what the booklet for  
Hex(E3EA63) contains.

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**Color**

**Hex(E3EA63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3EA63
RGB	227, 234, 99
RGB Percent	89%, 92%, 39%
CMY	0.1098, 0.0824, 0.6118
CMYK	0.03, 0.00, 0.58, 0.08
HSL	63°, 76%, 65%
HSV	63°, 58%, 92%
XYZ	63.3535, 76.0774, 23.1497
YIQ	216.5170, 39.1630, -43.4690

# Conversions

## Conversions Part 2

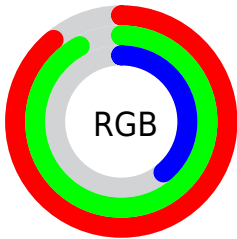
Format	Color
R <sub>Y</sub> B	99, 234, 106
Decimal	14936675
CIE Lab	89.90, -19.68, 63.21
CIE LCh	90, 66.202, 107.294
Yxy	76.0774, 0.3897, 0.4679
Android (android.graphics.Color)	4293126755 (0xFFE3EA63)
YUV	216.5170, -57.9359, 9.1936
Hunter-Lab	87.2223, -22.9866, 45.3195

# Details

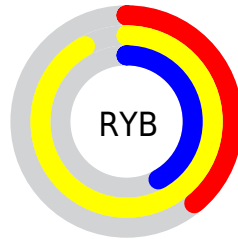
The Hex color **E3EA63** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6A63EA**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF9A**, and **A9B22A** is the 20% darker color. If you saturate the color by 10%, you get **E2EA4C**, and if you desaturate by 10%, it is **E4EA7A**.

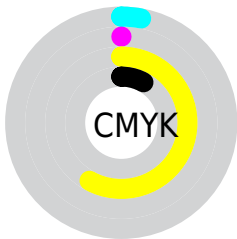
# Distribution



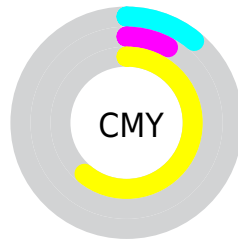
- Red (89%)
- Green (92%)
- Blue (39%)



- Red (39%)
- Yellow (92%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (58%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3EA63 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 E3EA63 by changing the saturation by 10% instead.



 E3EA63

 E3EA63

FFFFFF

 C6CE47

 FFFF9A

 A9B22A

 FFFFB6

 8D9800

 FFFF D3

 717E00

 FFFFF0

 566500

 3B4D00

 213600

 042100

 000000

 E3EA63

 E3EA63

 E2EA4C

 E4EA7A

 E1EA34

 E5EA92

 DFEA1D

 E7EAA9

 DEEA05

 E8EAC1

 DEEA00

 E9EAD8

 EA EAEF

 EB EAF

 ED EAF

 EE EAF

# Harmonies

## Analogous

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



FFD563



E3EA63



9AF889

# Triad

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



E3EA63



00DFFF



FFAFFF

# Complementary

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



E3EA63



6A63EA

# 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.



FFC3FF



E3EA63



00F1FF

# Square

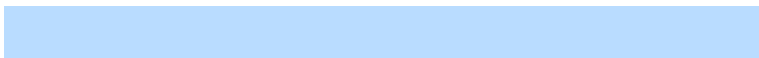
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3EA63



00FFFF



B9DCFF



FFADC0

# Rectangle

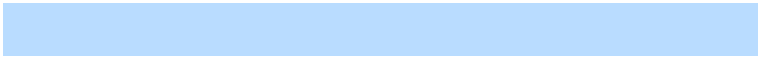
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3EA63



55FEAF



B9DCFF



FFB4FF



# Sweetspot

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



E3EA63



FDFFD4



EA6A63



7E8066



000000



808080



# Same Dimension

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



E3EA63



F6FF4F



A0EA63



75756A



ACB500



333600



# Inverse Universe

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



6A63EA



584FFF



AD63EA



6A6A75



0900B5

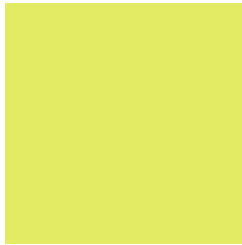


030036



# Previews

## White Background



This preview shows how the Hex color E3EA63 looks on a white background.

## Color Contrast Check

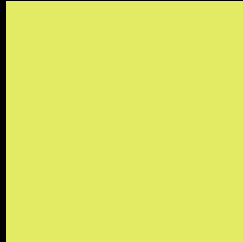
Large Text (above 18pt) WCAG AA × Fail

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 E3EA63 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 E3EA63 Background



This preview shows how black text looks on a background with the Hex color E3EA63.

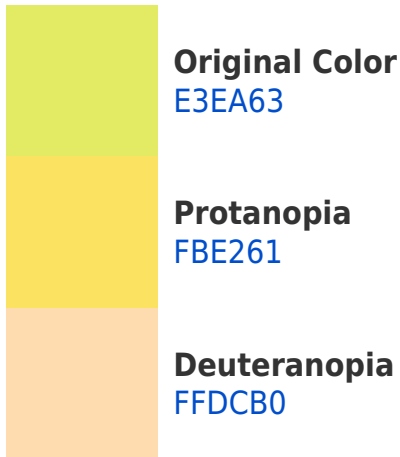


This preview shows how white text looks on a background with the Hex color E3EA63.

# Color Blindness Simulation

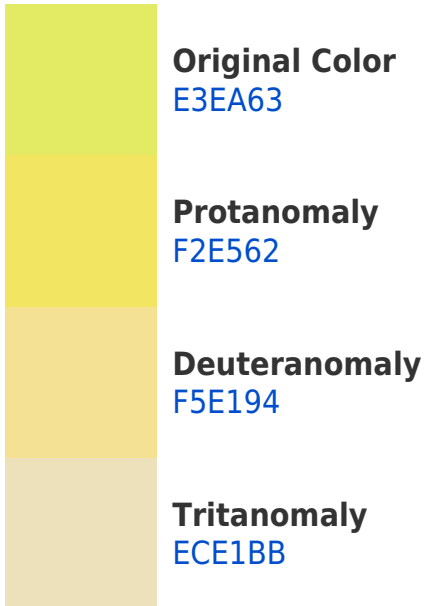
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

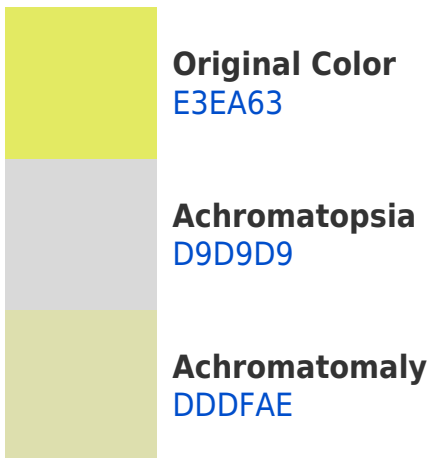




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3EA63 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 #E3EA63 looks like.

```
.text, #text, p{  
    color:#E3EA63  
}
```

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 #E3EA63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3EA63
}
```

## Border

The CSS property to change the border of an element to Hex E3EA63 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
#E3EA63 }
```

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

```
.border{ border-color:#E3EA63 }
```

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

Here you see how a box with a 4 pixel #E3EA63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3EA63; -webkit-box-shadow:4px 4px  
4px 4px #E3EA63; box-shadow:4px 4px 4px  
4px #E3EA63 }
```

# Background

The CSS property to change the background color of an element to Hex E3EA63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3EA63 }
```

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

```
.background{ background-color:#E3EA63 }
```

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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