

# Converting Colors

Hex(E3FA62)

Have a look what the booklet for  
Hex(E3FA62) contains.

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**Color**

**Hex(E3FA62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3FA62
RGB	227, 250, 98
RGB Percent	89%, 98%, 38%
CMY	0.1098, 0.0196, 0.6157
CMYK	0.09, 0.00, 0.61, 0.02
HSL	69°, 94%, 68%
HSV	69°, 61%, 98%
XYZ	68.0688, 85.5839, 24.4870
YIQ	225.7950, 35.0840, -52.1480

# Conversions

## Conversions Part 2

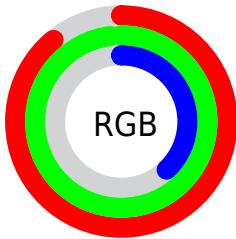
Format	Color
<b>RYB</b>	98, 250, 121
Decimal	14940770
CIELab	94.13, -27.37, 68.26
CIELCh	94, 73.546, 111.852
Yxy	85.5839, 0.3821, 0.4804
Android (android.graphics.Color)	4293130850 (0xFFE3FA62)
YUV	225.7950, -63.0029, 1.0568
Hunter-Lab	92.5116, -30.5574, 49.0646

# Details

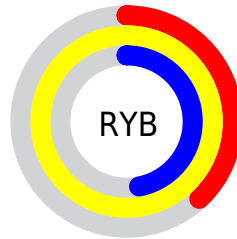
The Hex color **E3FA62** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7962FA**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF9A**, and **A9C226** is the 20% darker color. If you saturate the color by 10%, you get **DFFA49**, and if you desaturate by 10%, it is **E7FA7B**.

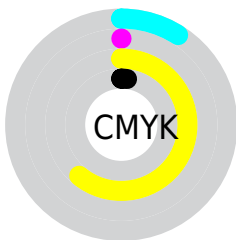
# Distribution



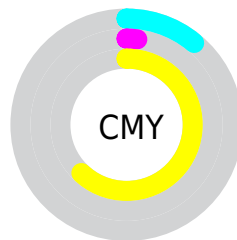
- Red (89%)
- Green (98%)
- Blue (38%)



- Red (38%)
- Yellow (98%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (61%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3FA62 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 E3FA62 by changing the saturation by 10% instead.



 E3FA62

 E3FA62

FFFFFF

 C6DD46

 FFFF9A

 A9C226

 FFFFB7

 8CA600

 FFFFD3

 708C00

 FFFFF1

 557200

 395A00

 1D4200

 002C00

 001700

 E3FA62

 E3FA62

 DFFA49

 E7FA7B

 DBFA30

 EBFA94

 D8FA17

 EEFAAD

 D4FA00

 F2FAC6

 F6FADF

 FAFAF8

 FDFAFF

 FFFAFF

# Harmonies

## Analogous

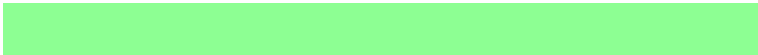
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE45B



E3FA62



8DFF93

# Triad

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



E3FA62



00FFFF



FFB1FF

# Complementary

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



E3FA62



7962FA

# 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.



FFC6FF



E3FA62



00FCFF

# Square

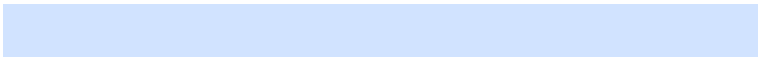
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3FA62



00FFFF



D1E3FF



FFB3BD

# Rectangle

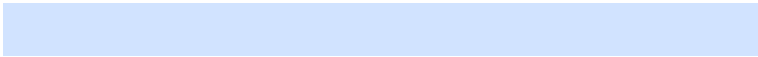
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3FA62



0BFFBF



D1E3FF



FFB6FF

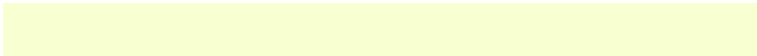


# Sweetspot

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



E3FA62



F8FFD1



FA7962



7B8063



000000



808080



# Same Dimension

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



E3FA62



E3FF45



97FA62



7B7D70



A0BD00



343D00



# Inverse Universe

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



7962FA



6145FF



C562FA



72707D



1D00BD

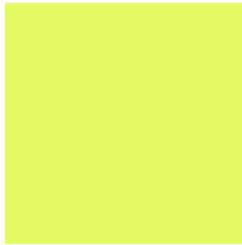


09003D



# Previews

## White Background



This preview shows how the Hex color E3FA62 looks on a white background.

## Color Contrast Check

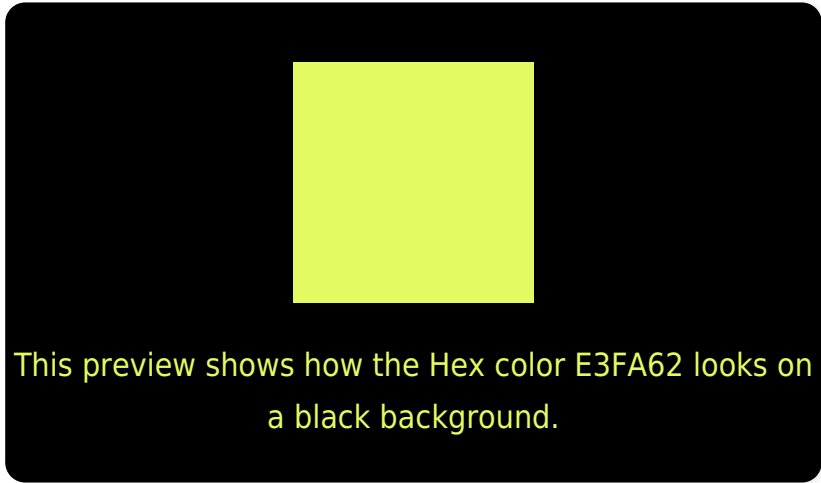
Large Text (above 18pt) WCAG AA × Fail

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 E3FA62 Background



This preview shows how black text looks on a background with the Hex color E3FA62.

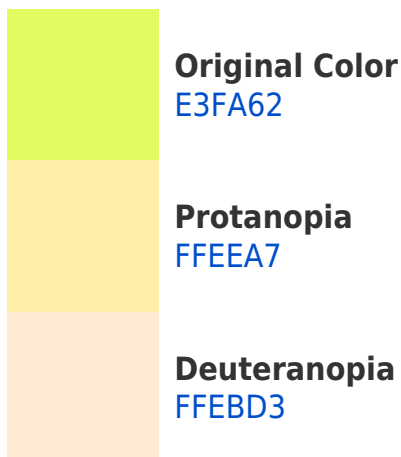


This preview shows how white text looks on a background with the Hex color E3FA62.

# 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



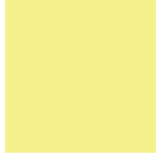


**Tritanopia**  
F3EAFD

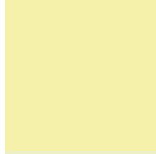
# Trichromacy



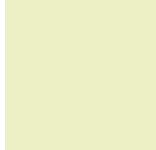
**Original Color**  
E3FA62



**Protanomaly**  
F5F28E



**Deuteranomaly**  
F5F0AA

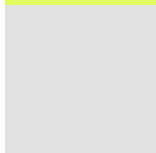


**Tritanomaly**  
EDF0C5

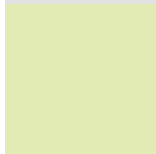
# Monochromacy



**Original Color**  
E3FA62



**Achromatopsia**  
E2E2E2



**Achromatomaly**  
E2EBB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3FA62 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 #E3FA62 looks like.

```
.text, #text, p{  
    color:#E3FA62  
}
```

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 #E3FA62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3FA62
}
```

## Border

The CSS property to change the border of an element to Hex E3FA62 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
#E3FA62 }
```

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

```
.border{ border-color:#E3FA62 }
```

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

Here you see how a box with a 4 pixel #E3FA62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3FA62; -webkit-box-shadow:4px 4px  
4px 4px #E3FA62; box-shadow:4px 4px 4px  
4px #E3FA62 }
```

# Background

The CSS property to change the background color of an element to Hex E3FA62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3FA62 }
```

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

```
.background{ background-color:#E3FA62 }
```

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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