

Converting Colors

Hex(EAFF62)

Have a look what the booklet for
Hex(EAFF62) contains.

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Color

Hex(EAFF62)

Conversions

Conversions Part 1

Format	Color
Hex	E AFF 62
RGB	234, 255, 98
RGB Percent	92%, 100%, 38%
CMY	0.0824, 0.0000, 0.6157
CMYK	0.08, 0.00, 0.62, 0.00
HSL	68°, 100%, 69%
HSV	68°, 62%, 100%
XYZ	71.8963, 89.8943, 25.1173
YIQ	230.8230, 37.8810, -53.2790

Conversions

Conversions Part 2

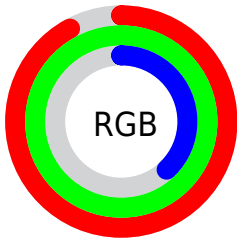
Format	Color
R _Y B	98, 255, 119
Decimal	15400802
CIE Lab	95.95, -26.98, 70.36
CIE LCh	96, 75.359, 110.980
Yxy	89.8943, 0.3847, 0.4810
Android (android.graphics.Color)	4293590882 (0xFFEAF62)
YUV	230.8230, -65.4817, 2.7862
Hunter-Lab	94.8126, -30.5657, 50.6620

Details

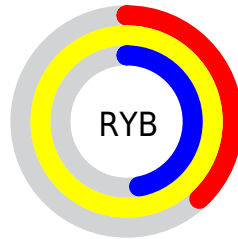
The Hex color **EAFF62** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7762FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF9A**, and **AFC625** is the 20% darker color. If you saturate the color by 10%, you get **E7FF49**, and if you desaturate by 10%, it is **EDFF7B**.

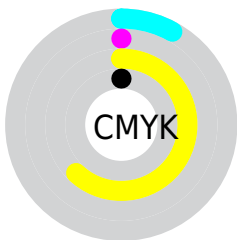
Distribution



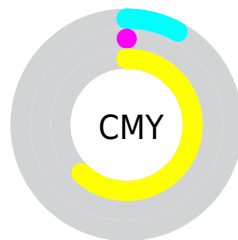
- Red (92%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAFF62 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 EAFF62 by changing the saturation by 10% instead.

 EAFF62

 EAFF62

FFFFFF

 CCE245

 FFFF9A

 AFC625

 FFFFB7

 92AB00

 FFFFD4

 769100

 FFFFF1

 5B7700

 3F5E00

 234600

 043000

 001D00

 EAFF62

 EAFF62

 E7FF49

 EDFF7B

 E3FF2F

 F1FF95

 E0FF16

 F4FFAF

 DDFF00

 F8FFC8

 FBFFE2

 FEFFFB

FFFFFF

Harmonies

Analogous

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



FFE85C



EAFF62



92FF93

Triad

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



E AFF62



00 FFFF



F FB5FF

Complementary

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



EAFF62



7762FF

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.



FFCBFF



EAFF62



00FFFF

Square

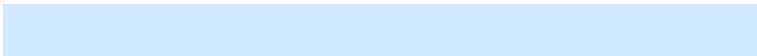
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E AFF62



00 FFFF



D1 E9FF



F F6C3

Rectangle

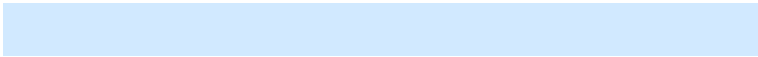
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAFF62



17FFC1



D1E9FF



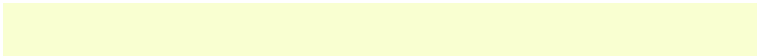
FFBAFF

Sweetspot

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



E AFF62



F9FFD1



FF7762



7C8063



000000



808080

Same Dimension

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



EAFF62



E6FF42



9CFF62



7E8073



A6BF00



374000

Inverse Universe

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



7762FF



5C42FF



C562FF



747380



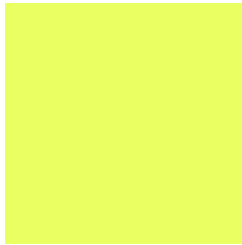
1A00BF



090040

Previews

White Background



This preview shows how the Hex color EAFF62 looks on a white background.

Color Contrast Check

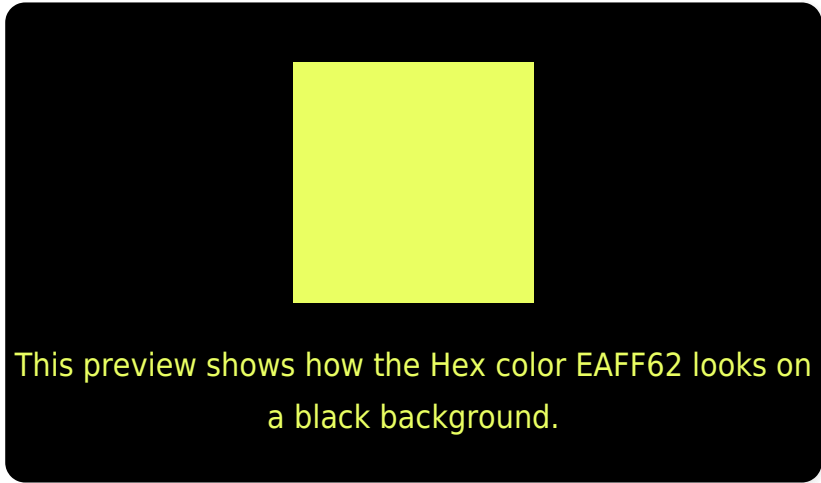
Large Text (above 18pt) WCAG AA × Fail

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 EAFF62 Background



This preview shows how black text looks on a background with the Hex color EAFF62.

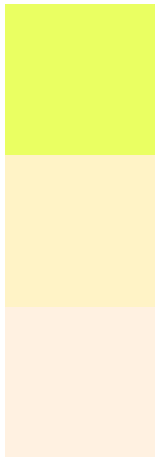


This preview shows how white text looks on a background with the Hex color EAFF62.

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



Original Color
E AFF 62

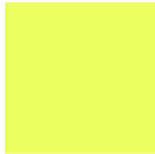
Protanopia
F FF 3 C 6

Deuteranopia
F FF 1 E 1



Tritanopia
F9F0FF

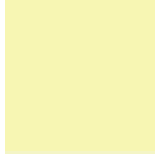
Trichromacy



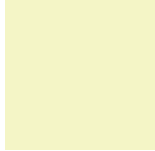
Original Color
E AFF62



Protanomaly
F7F7A2



Deuteranomaly
F7F6B3

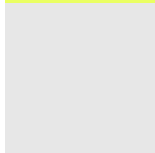


Tritanomaly
F4F5C6

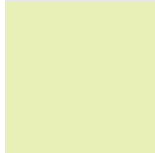
Monochromacy



Original Color
E AFF62



Achromatopsia
E7E7E7



Achromatomaly
E8F0B7

CSS Examples

Text

The CSS property to change the color of the text to Hex EAFF62 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 #EAFF62 looks like.

```
.text, #text, p{  
    color:#EAFF62  
}
```

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 #EAFF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAFF62  
}
```

Border

The CSS property to change the border of an element to Hex EAFF62 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  
#EAFF62 }
```

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

```
.border{ border-color:#EAFF62 }
```

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

Here you see how a box with a 4 pixel #EAFF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAFF62; -webkit-box-shadow:4px 4px  
4px 4px #EAFF62; box-shadow:4px 4px 4px  
4px #EAFF62 }
```

Background

The CSS property to change the background color of an element to Hex EAFF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAFF62 }
```

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

```
.background{ background-color:#EAFF62 }
```

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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