

Converting Colors

Hex(E2F688)

Have a look what the booklet for
Hex(E2F688) contains.

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Color

Hex(E2F688)

Conversions

Conversions Part 1

Format	Color
Hex	E2F688
RGB	226, 246, 136
RGB Percent	89%, 96%, 53%
CMY	0.1137, 0.0353, 0.4667
CMYK	0.08, 0.00, 0.45, 0.04
HSL	71°, 86%, 75%
HSV	71°, 45%, 96%
XYZ	68.7637, 83.8579, 35.8545
YIQ	227.4800, 23.3900, -38.4500

Conversions

Conversions Part 2

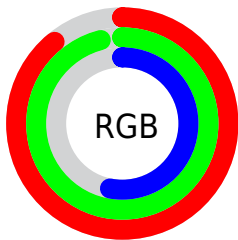
Format	Color
RYB	136, 246, 156
Decimal	14874248
CIELab	93.39, -22.64, 50.49
CIELCh	93, 55.336, 114.155
Yxy	83.8579, 0.3648, 0.4449
Android (android.graphics.Color)	4293064328 (0xFFE2F688)
YUV	227.4800, -45.0996, -1.2980
Hunter-Lab	91.5739, -26.2171, 40.8876

Details

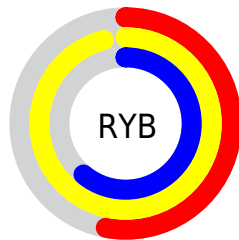
The Hex color **E2F688** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9C88F6**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFBF**, and **A9BE53** is the 20% darker color. If you saturate the color by 10%, you get **DEF66F**, and if you desaturate by 10%, it is **E6F6A1**.

Distribution



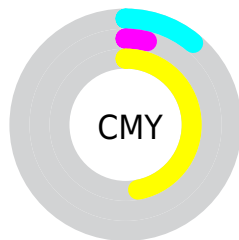
- Red (89%)
- Green (96%)
- Blue (53%)



- Red (53%)
- Yellow (96%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (45%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2F688 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 E2F688 by changing the saturation by 10% instead.

 E2F688

 E2F688

FFFFFF

 C5DA6D

 FFFFBF

 A9BE53

 FFFFDC

 8DA339

 FFFFF9

 72881E

 586F00

 3E5700

 253F00

 092900

 001400

 E2F688

 E2F688

 DEF66F

 E6F6A1

 D9F657

 EBF6B9

 D5F63E

 EFF6D2

 D0F626

 F4F6EA

 CCF60D

 F8F6FF

 C9F600

 FDF6FF

 FFF6FF

Harmonies

Analogous

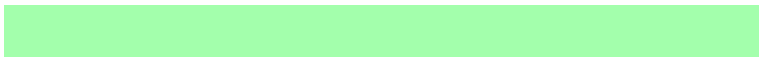
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE580



E2F688



A3FFAC

Triad

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



E2F688



00FFFF



FFC2F9

Complementary

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



E2F688



9C88F6

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.



FFCEFF



E2F688



81F5FF

Square

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



E2F688



00FFFF



E1E2FF



FFC4C3

Rectangle

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



E2F688



6FFCD



E1E2FF



FFC5FF

Sweetspot

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



E2F688



F9FFDE



F69A88



7C806B



000000



808080

Same Dimension

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



E2F688



E6FF75



ADF688



787A6E



98BA00



303B00

Inverse Universe

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



9C88F6



8E75FF



D188F6



706E7A



2200BA



0B003B

Previews

White Background



This preview shows how the Hex color E2F688 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 E2F688 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 E2F688 Background



This preview shows how black text looks on a background with the Hex color E2F688.

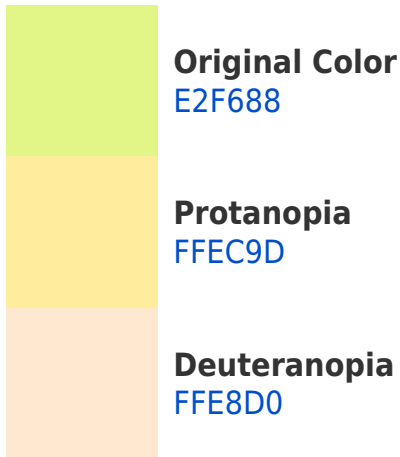


This preview shows how white text looks on a background with the Hex color E2F688.

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



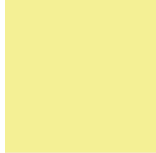


Tritanopia
F0E9FB

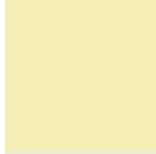
Trichromacy



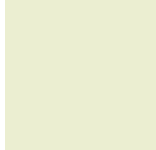
Original Color
E2F688



Protanomaly
F4F095



Deuteranomaly
F4EDB6

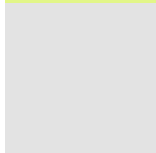


Tritanomaly
EBEED1

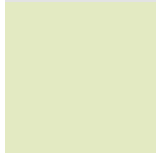
Monochromacy



Original Color
E2F688



Achromatopsia
E3E3E3



Achromatomaly
E3EAC2

CSS Examples

Text

The CSS property to change the color of the text to Hex E2F688 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 #E2F688 looks like.

```
.text, #text, p{  
    color:#E2F688  
}
```

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 #E2F688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2F688
}
```

Border

The CSS property to change the border of an element to Hex E2F688 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
#E2F688 }
```

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

```
.border{ border-color:#E2F688 }
```

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

Here you see how a box with a 4 pixel #E2F688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2F688; -webkit-box-shadow:4px 4px  
4px 4px #E2F688; box-shadow:4px 4px 4px  
4px #E2F688 }
```

Background

The CSS property to change the background color of an element to Hex E2F688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2F688 }
```

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

```
.background{ background-color:#E2F688 }
```

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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