

# Converting Colors

Hex(E2F6A2)

Have a look what the booklet for  
Hex(E2F6A2) contains.

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# Color

**Hex(E2F6A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2F6A2
RGB	226, 246, 162
RGB Percent	89%, 96%, 64%
CMY	0.1137, 0.0353, 0.3647
CMYK	0.08, 0.00, 0.34, 0.04
HSL	74°, 82%, 80%
HSV	74°, 34%, 96%
XYZ	70.8414, 84.6889, 46.7953
YIQ	230.4440, 15.0440, -30.3640

# Conversions

## Conversions Part 2

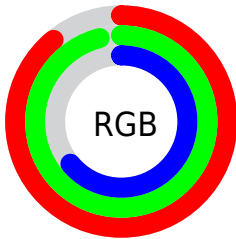
Format	Color
<a href="#">RYB</a>	<a href="#">162, 246, 182</a>
Decimal	<a href="#">14874274</a>
CIELab	<a href="#">93.75, -19.72, 38.29</a>
CIElCh	<a href="#">94, 43.071, 117.249</a>
Yxy	<a href="#">84.6889, 0.3501, 0.4186</a>
Android (android.graphics.Color)	<a href="#">4293064354</a> ( <a href="#">0xFFE2F6A2</a> )
YUV	<a href="#">230.4440, -33.7429, -3.8974</a>
Hunter-Lab	<a href="#">92.0266, -23.6385, 34.2698</a>

# Details

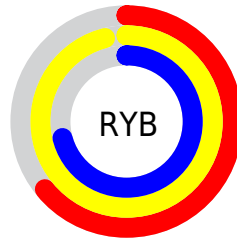
The Hex color **E2F6A2** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B6A2F6**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFDA**, and **AABE6D** is the 20% darker color. If you saturate the color by 10%, you get **DCF689**, and if you desaturate by 10%, it is **E8F6BB**.

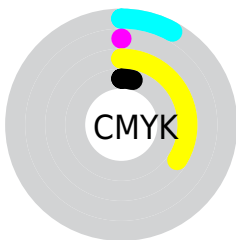
# Distribution



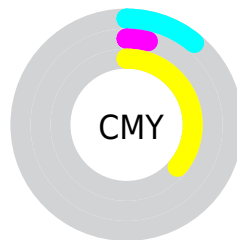
- Red (89%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2F6A2 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 E2F6A2 by changing the saturation by 10% instead.



 E2F6A2

FFFFFF

 FFFFDA

 FFFFF6

 E2F6A2

 C6DA87

 AABE6D


 8EA354

 74883B

 5A6F23

 415708

 2A3F00

 112900

 001600

 E2F6A2

 E2F6A2

 DCF689

 E8F6BB

 D6F671

 EEF6D3

 D0F658

 F4F6EC

 CBF640

 F9F6FF

 C5F627

 FFF6FF

 BFF60E

 BBF600

# Harmonies

## Analogous

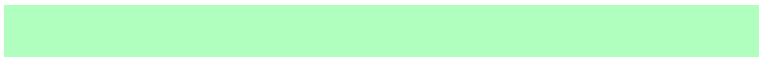
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE99A



E2F6A2



B1FFBF

# Triad

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



E2F6A2



70FDFD



FFCEF3

# Complementary

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



E2F6A2



B6A2F6

# 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.



FFD6FF



E2F6A2



AEF2FF

# Square

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



E2F6A2



5BFFFF



EDE4FF



FFD0C9

# Rectangle

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



E2F6A2



90FFD9



EDE4FF



FFCFFF



# Sweetspot

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



E2F6A2



F9FFE6



F6B6A2



7C8070



000000



808080

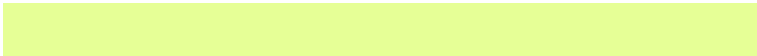


# Same Dimension

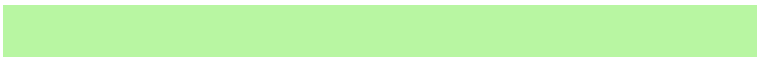
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E2F6A2



E6FF96



B8F6A2



777A6E



8EBA00



2D3B00



# Inverse Universe

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



B6A2F6



AF96FF



E0A2F6



716E7A



2C00BA

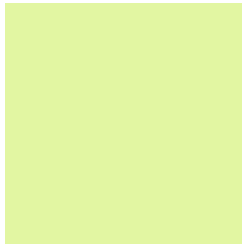


0E003B



# Previews

## White Background



This preview shows how the Hex color E2F6A2 looks on a white background.

## Color Contrast Check

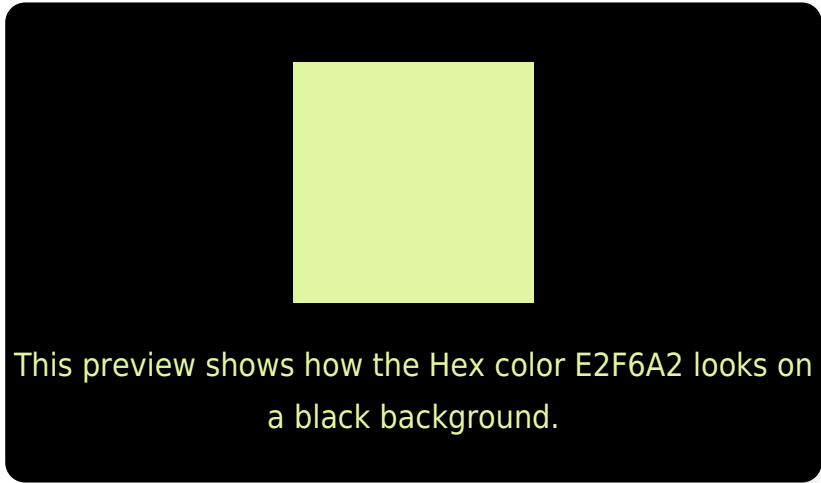
Large Text (above 18pt) WCAG AA × Fail

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

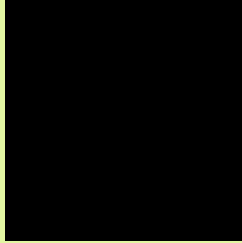
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2F6A2 Background



This preview shows how black text looks on a background with the Hex color E2F6A2.

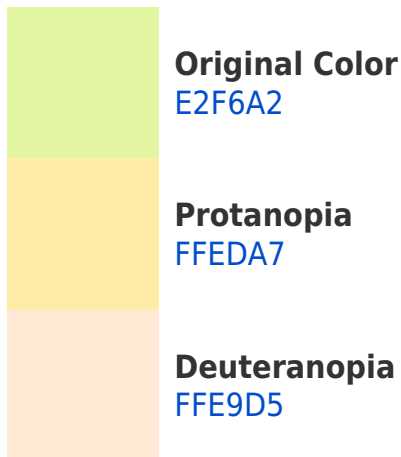


This preview shows how white text looks on a background with the Hex color E2F6A2.

# 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

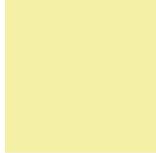




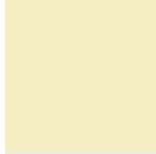
# Trichromacy



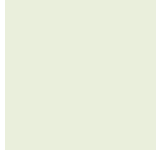
**Original Color**  
E2F6A2



**Protanomaly**  
F4F0A5

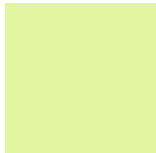


**Deuteranomaly**  
F4EEC2

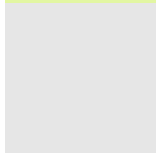


**Tritanomaly**  
EAEFDC

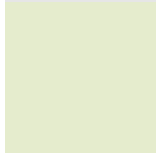
# Monochromacy



**Original Color**  
E2F6A2



**Achromatopsia**  
E6E6E6



**Achromatomaly**  
E5ECCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2F6A2 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 #E2F6A2 looks like.

```
.text, #text, p{  
    color:#E2F6A2  
}
```

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 #E2F6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2F6A2
}
```

## Border

The CSS property to change the border of an element to Hex E2F6A2 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
#E2F6A2 }
```

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

```
.border{ border-color:#E2F6A2 }
```

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

Here you see how a box with a 4 pixel #E2F6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2F6A2; -webkit-box-shadow:4px 4px  
4px 4px #E2F6A2; box-shadow:4px 4px 4px  
4px #E2F6A2 }
```

# Background

The CSS property to change the background color of an element to Hex E2F6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2F6A2 }
```

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

```
.background{ background-color:#E2F6A2 }
```

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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