

Converting Colors

Hex(DEF4A2)

Have a look what the booklet for
Hex(DEF4A2) contains.

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Color

Hex(DEF4A2)

Conversions

Conversions Part 1

Format	Color
Hex	DEF4A2
RGB	222, 244, 162
RGB Percent	87%, 96%, 64%
CMY	0.1294, 0.0431, 0.3647
CMYK	0.09, 0.00, 0.34, 0.04
HSL	76°, 79%, 80%
HSV	76°, 34%, 96%
XYZ	68.9965, 82.8396, 46.5356
YIQ	228.0740, 13.2100, -30.1660

Conversions

Conversions Part 2

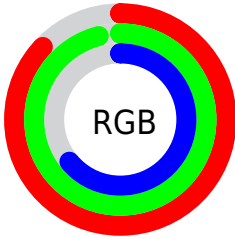
Format	Color
RYB	162, 244, 184
Decimal	14611618
CIELab	92.94, -20.22, 37.18
CIELCh	93, 42.327, 118.539
Yxy	82.8396, 0.3478, 0.4176
Android (android.graphics.Color)	4292801698 (0xFFDEF4A2)
YUV	228.0740, -32.5745, -5.3269
Hunter-Lab	91.0163, -23.9634, 33.3971

Details

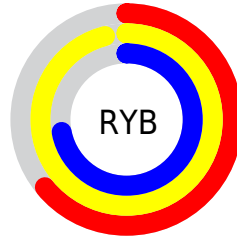
The Hex color **DEF4A2** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B8A2F4**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFDA**, and **A6BC6D** is the 20% darker color. If you saturate the color by 10%, you get **D7F48A**, and if you desaturate by 10%, it is **E5F4BA**.

Distribution



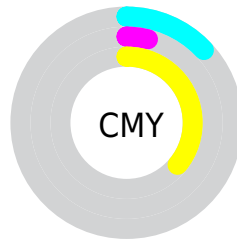
- Red (87%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (72%)



- Cyan (9%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF4A2 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 DEF4A2 by changing the saturation by 10% instead.

 DEF4A2

 DEF4A2

FFFFFF

 C2D887

 FFFFDA

 A6BC6D

 FFFFF6

 8BA154

 71873C

 576D23

 3E5509

 273D00

 0E2700

 001200

 DEF4A2

 DEF4A2

 D7F48A

 E5F4BA

 D1F471

 EBF4D3

 CAF459

 F2F4EB

 C4F440

 F8F4FF

 BDF428

 FFF4FF

 B7F410

 B3F400

Harmonies

Analogous

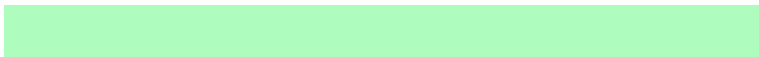
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE899



DEF4A2



AEFDBF

Triad

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



DEF4A2



73FAFF



FFCCEE

Complementary

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



DEF4A2



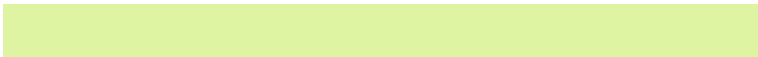
B8A2F4

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.



FFD3FF



DEF4A2



B0EFFF

Square

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



DEF4A2



5CFFFF



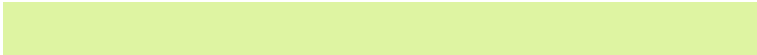
EDE1FF



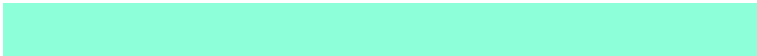
FFCFC6

Rectangle

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



DEF4A2



8DFFD9



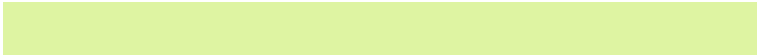
EDE1FF



FFCDFC

Sweetspot

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



DEF4A2



F8FFE6



F4B8A2



7B8070



000000



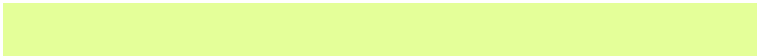
808080

Same Dimension

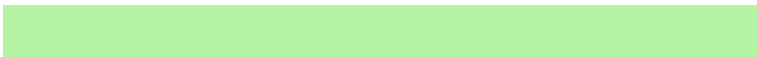
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEF4A2



E4FF99



B5F4A2



777A6E



88BA00



2B3B00

Inverse Universe

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



B8A2F4



B499FF



E1A2F4



716E7A



3200BA



10003B

Previews

White Background



This preview shows how the Hex color DEF4A2 looks on a white background.

Color Contrast Check

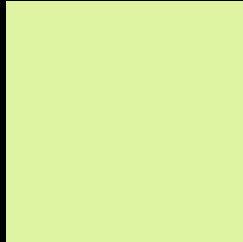
Large Text (above 18pt) WCAG AA × Fail

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 DEF4A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

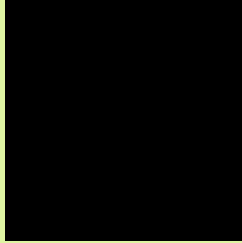
Any Text WCAG AA ✓ Pass

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 DEF4A2 Background



This preview shows how black text looks on a background with the Hex color DEF4A2.

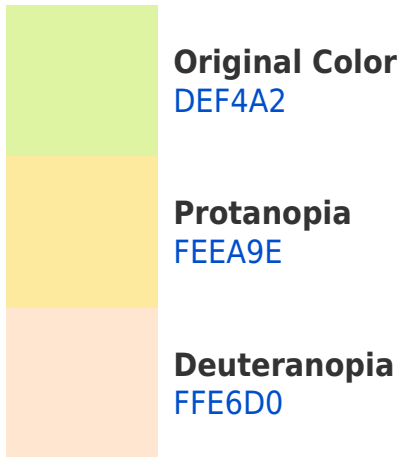


This preview shows how white text looks on a background with the Hex color DEF4A2.

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



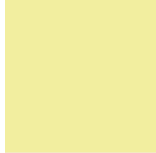


Tritanopia
EAE9FB

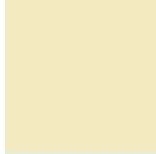
Trichromacy



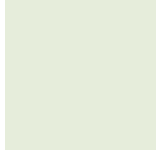
Original Color
DEF4A2



Protanomaly
F2EE9F

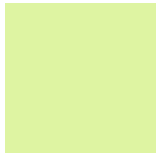


Deuteranomaly
F3EBBF

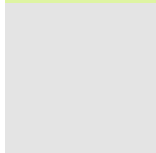


Tritanomaly
E6EDDB

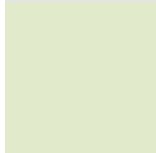
Monochromacy



Original Color
DEF4A2



Achromatopsia
E4E4E4



Achromatomaly
E2EACC

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF4A2 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 #DEF4A2 looks like.

```
.text, #text, p{  
    color:#DEF4A2  
}
```

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 #DEF4A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF4A2
}
```

Border

The CSS property to change the border of an element to Hex DEF4A2 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
#DEF4A2 }
```

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

```
.border{ border-color:#DEF4A2 }
```

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

Here you see how a box with a 4 pixel #DEF4A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF4A2; -webkit-box-shadow:4px 4px  
4px 4px #DEF4A2; box-shadow:4px 4px 4px  
4px #DEF4A2 }
```

Background

The CSS property to change the background color of an element to Hex DEF4A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF4A2 }
```

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

```
.background{ background-color:#DEF4A2 }
```

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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