

Converting Colors

Hex(DEF4A1)

Have a look what the booklet for
Hex(DEF4A1) contains.

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Color

Hex(DEF4A1)

Conversions

Conversions Part 1

Format	Color
Hex	DEF4A1
RGB	222, 244, 161
RGB Percent	87%, 96%, 63%
CMY	0.1294, 0.0431, 0.3686
CMYK	0.09, 0.00, 0.34, 0.04
HSL	76°, 79%, 79%
HSV	76°, 34%, 96%
XYZ	68.9079, 82.8042, 46.0692
YIQ	227.9600, 13.5310, -30.4770

Conversions

Conversions Part 2

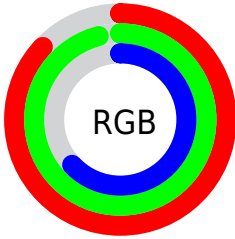
Format	Color
RYB	161, 244, 183
Decimal	14611617
CIELab	92.93, -20.35, 37.66
CIELCh	93, 42.807, 118.380
Yxy	82.8042, 0.3484, 0.4187
Android (android.graphics.Color)	4292801697 (0xFFDEF4A1)
YUV	227.9600, -33.0113, -5.2269
Hunter-Lab	90.9968, -24.0741, 33.6809

Details

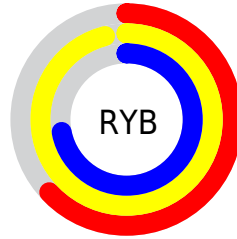
The Hex color **DEF4A1** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **B7A1F4**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFD9**, and **A6BC6C** is the 20% darker color. If you saturate the color by 10%, you get **D8F489**, and if you desaturate by 10%, it is **E4F4B9**.

Distribution



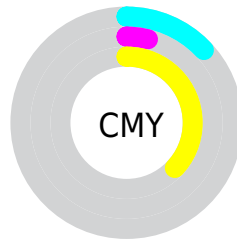
- Red (87%)
- Green (96%)
- Blue (63%)



- Red (63%)
- Yellow (96%)
- Blue (72%)



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



- Cyan (13%)
- Magenta (4%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEF4A1 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 DEF4A1 by changing the saturation by 10% instead.

 DEF4A1

 DEF4A1

FFFFFF

 C2D886

 FFFFD9

 A6BC6C

 FFFFF5

 8BA153

 70873B

 576D22

 3E5507

 273D00

 0D2700

 001200

 DEF4A1

 DEF4A1

 D8F489

 E4F4B9

 D1F470

 EBF4D2

 CBF458

 F1F4EA

 C4F43F

 F8F4FF

 BEF427

 FEF4FF

 B7F40F

 FFF4FF

 B3F400

Harmonies

Analogous

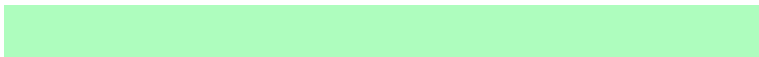
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE798



DEF4A1



AEFDBE

Triad

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



DEF4A1



71FAFF



FFCCEF

Complementary

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



DEF4A1



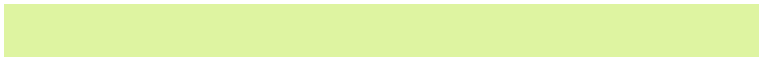
B7A1F4

Split Complementary

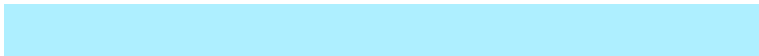
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD3FF



DEF4A1



AEEFFF

Square

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



DEF4A1



59FFFF



EDE1FF



FFCEC6

Rectangle

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



DEF4A1



8CFFD9



EDE1FF



FFCDFD

Sweetspot

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



DEF4A1



F8FFE6



F4B6A1



7B8070



000000



808080

Same Dimension

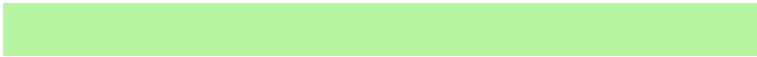
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEF4A1



E3FF96



B6F4A1



777A6E



89BA00



2B3B00

Inverse Universe

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



B7A1F4



B296FF



DFA1F4



716E7A



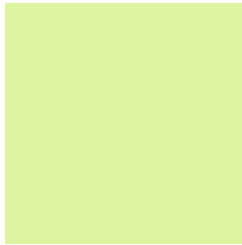
3100BA



10003B

Previews

White Background



This preview shows how the Hex color DEF4A1 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 DEF4A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

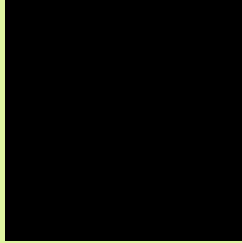
Any Text WCAG AA ✓ Pass

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 DEF4A1 Background



This preview shows how black text looks on a background with the Hex color DEF4A1.

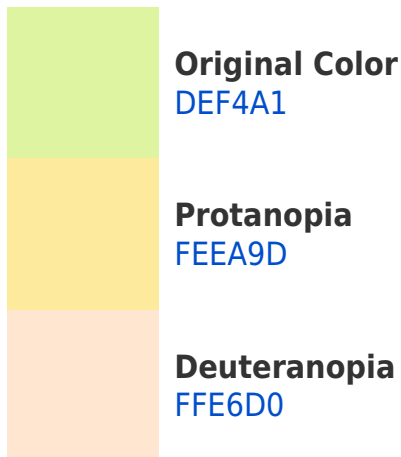


This preview shows how white text looks on a background with the Hex color DEF4A1.

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



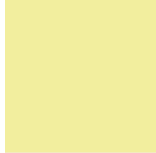


Tritanopia
EAE9FB

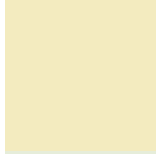
Trichromacy



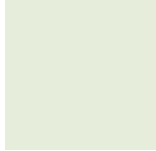
Original Color
DEF4A1



Protanomaly
F2EE9E



Deuteranomaly
F3EBBF

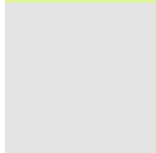


Tritanomaly
E6EDDA

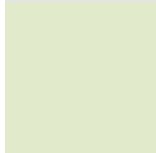
Monochromacy



Original Color
DEF4A1



Achromatopsia
E4E4E4



Achromatomaly
E2EACC

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF4A1 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 #DEF4A1 looks like.

```
.text, #text, p{  
    color:#DEF4A1  
}
```

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 #DEF4A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF4A1
}
```

Border

The CSS property to change the border of an element to Hex DEF4A1 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
#DEF4A1 }
```

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

```
.border{ border-color:#DEF4A1 }
```

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

Here you see how a box with a 4 pixel #DEF4A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF4A1; -webkit-box-shadow:4px 4px  
4px 4px #DEF4A1; box-shadow:4px 4px 4px  
4px #DEF4A1 }
```

Background

The CSS property to change the background color of an element to Hex DEF4A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF4A1 }
```

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

```
.background{ background-color:#DEF4A1 }
```

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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