

Converting Colors

Hex(DEF5A4)

Have a look what the booklet for
Hex(DEF5A4) contains.

Hex(DEF5A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DEF5A4)

Conversions

Conversions Part 1

Format	Color
Hex	DEF5A4
RGB	222, 245, 164
RGB Percent	87%, 96%, 64%
CMY	0.1294, 0.0392, 0.3569
CMYK	0.09, 0.00, 0.33, 0.04
HSL	77°, 80%, 80%
HSV	77°, 33%, 96%
XYZ	69.4774, 83.5147, 47.5801
YIQ	228.8890, 12.2930, -30.0670

Conversions

Conversions Part 2

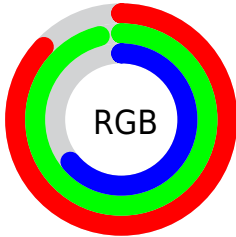
Format	Color
RYB	164, 245, 187
Decimal	14611876
CIELab	93.24, -20.45, 36.57
CIElCh	93, 41.904, 119.214
Yxy	83.5147, 0.3464, 0.4164
Android (android.graphics.Color)	4292801956 (0xFFDEF5A4)
YUV	228.8890, -31.9903, -6.0417
Hunter-Lab	91.3864, -24.2198, 33.1013

Details

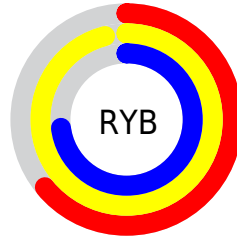
The Hex color **DEF5A4** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BBA4F5**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFDC**, and **A6BD6F** is the 20% darker color. If you saturate the color by 10%, you get **D7F58B**, and if you desaturate by 10%, it is **E5F5BD**.

Distribution



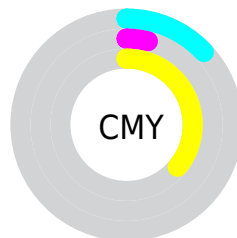
- Red (87%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color DEF5A4 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 DEF5A4 by changing the saturation by 10% instead.

 DEF5A4

FFFFFF

 FFFFDC


 FFFFF8

 DEF5A4

 C2D989

 A6BD6F

 8BA256

 71873D

 576E25

 3E560C

 273E00

 0E2800

 001300

 DEF5A4

 DEF5A4

 D7F58B

 E5F5BD

 D0F573

 ECF5D5

 C9F55B

 F3F5EE

 C2F542

 FAF5FF

 BBF52A

 FFF5FF

 B4F511

 AFF500

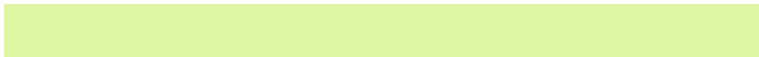
Harmonies

Analogous

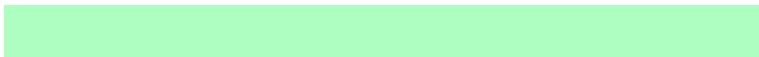
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE99B



DEF5A4



AFEC1

Triad

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



DEF5A4



78FBFF



FFCDEE

Complementary

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



DEF5A4



BBA4F5

Split Complementary

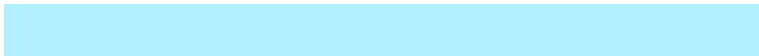
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD4FF



DEF5A4



B3F0FF

Square

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



DEF5A4



60FFFF



EFE2FF



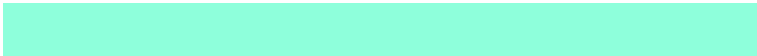
FFD0C6

Rectangle

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



DEF5A4



8EFFDB



EFE2FF



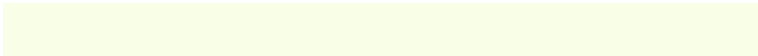
FFCEFC

Sweetspot

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



DEF5A4



F8FFE6



F5BBA4



7B8070



000000



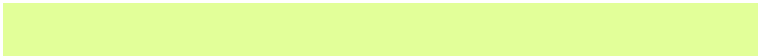
808080

Same Dimension

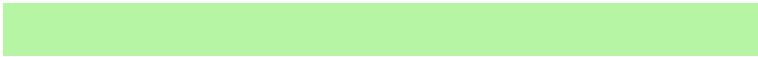
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DEF5A4



E2FF99



B6F5A4



777A6E



85BA00



2A3B00

Inverse Universe

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



BBA4F5



B699FF



E3A4F5



726E7A



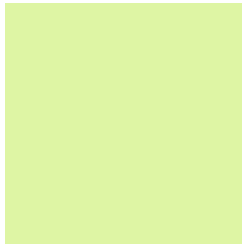
3500BA



11003B

Previews

White Background



This preview shows how the Hex color DEF5A4 looks on a white background.

Color Contrast Check

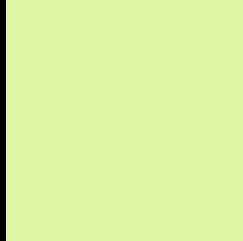
Large Text (above 18pt) WCAG AA × Fail

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 DEF5A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

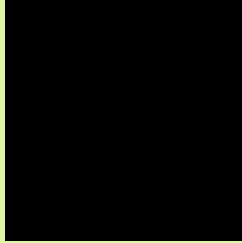
Any Text WCAG AA ✓ Pass

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 DEF5A4 Background



This preview shows how black text looks on a background with the Hex color DEF5A4.

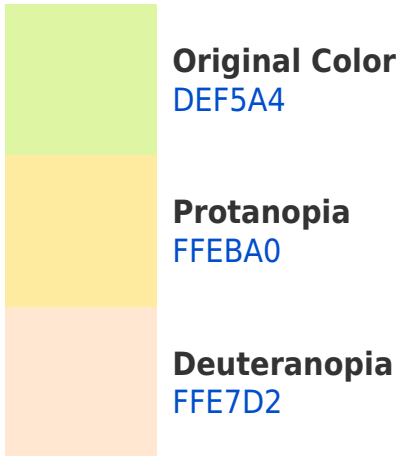


This preview shows how white text looks on a background with the Hex color DEF5A4.

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](#).

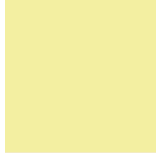
Dichromacy



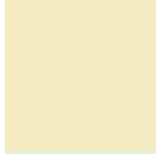
Trichromacy



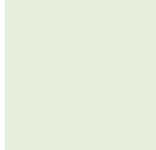
Original Color
DEF5A4



Protanomaly
F3EFA1

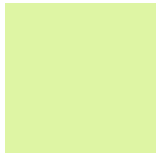


Deuteranomaly
F3ECC1

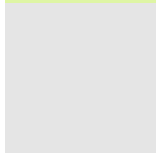


Tritanomaly
E6EEDC

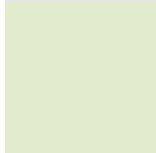
Monochromacy



Original Color
DEF5A4



Achromatopsia
E5E5E5



Achromatomaly
E2EBCD

CSS Examples

Text

The CSS property to change the color of the text to Hex DEF5A4 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 #DEF5A4 looks like.

```
.text, #text, p{  
    color:#DEF5A4  
}
```

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 #DEF5A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEF5A4
}
```

Border

The CSS property to change the border of an element to Hex DEF5A4 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
#DEF5A4 }
```

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

```
.border{ border-color:#DEF5A4 }
```

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

Here you see how a box with a 4 pixel #DEF5A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEF5A4; -webkit-box-shadow:4px 4px  
4px 4px #DEF5A4; box-shadow:4px 4px 4px  
4px #DEF5A4 }
```

Background

The CSS property to change the background color of an element to Hex DEF5A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEF5A4 }
```

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

```
.background{ background-color:#DEF5A4 }
```

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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