

Converting Colors

Hex(DEAF5B)

Have a look what the booklet for
Hex(DEAF5B) contains.

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Color

Hex(DEAF5B)

Conversions

Conversions Part 1

Format	Color
Hex	DEAF5B
RGB	222, 175, 91
RGB Percent	87%, 69%, 36%
CMY	0.1294, 0.3137, 0.6431
CMYK	0.00, 0.21, 0.59, 0.13
HSL	38°, 66%, 61%
HSV	38°, 59%, 87%
XYZ	47.3425, 46.9449, 16.4636
YIQ	179.4770, 54.9760, -16.1600

Conversions

Conversions Part 2

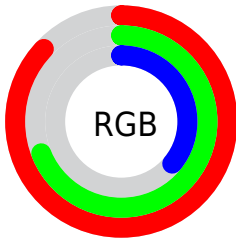
Format	Color
RYB	164, 222, 91
Decimal	14593883
CIELab	74.15, 7.75, 48.89
CIELCh	74, 49.500, 80.994
Yxy	46.9449, 0.4275, 0.4239
Android (android.graphics.Color)	4292783963 (0xFFDEAF5B)
YUV	179.4770, -43.6192, 37.2927
Hunter-Lab	68.5163, 3.4340, 33.7148

Details

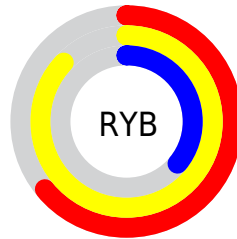
The Hex color **DEAF5B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5B8ADE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFE68F**, and **A47B28** is the 20% darker color. If you saturate the color by 10%, you get **DEA745**, and if you desaturate by 10%, it is **DEB771**.

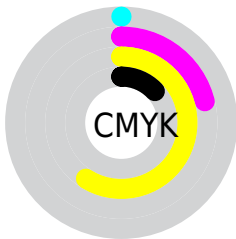
Distribution



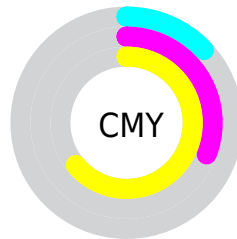
- Red (87%)
- Green (69%)
- Blue (36%)



- Red (64%)
- Yellow (87%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (59%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEAF5B 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 DEAF5B by changing the saturation by 10% instead.

 DEAF5B

 DEAF5B

FFFFFF

 C19442

 FFE68F

 A47B28

 FFFFAB

 87620B

 FFFFC6

 6C4A00

 FFFF E3

 513400

 361F00

 1E0800

 000000

 DEAF5B

 DEAF5B

 DEA745

 DEB771

 DE9F2F

 DEBF87

 DE9718

 DEC79E

 DE8F02

 DECFB4

 DE8E00

 DED7CA

 DEDFE0

 DEE7F6

 DEEFFF

 DEF7FF

Harmonies

Analogous

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



FE9F71



DEAF5B



B2BE5F

Triad

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



DEAF5B



00CED5



E19EF0

Complementary

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



DEAF5B



5B8ADE

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.



A5B0FF



DEAF5B



00C9FC

Square

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



DEAF5B



2DCDA7



46BFFF



FF92C6

Rectangle

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



DEAF5B



90C56F



46BFFF



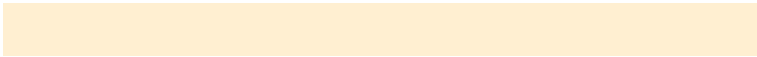
D0A4FB

Sweetspot

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



DEAF5B



FFEFD1



DE5B8B



807563



000000



808080

Same Dimension

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



DEAF5B



FFBE4A



CDDE5B



706C65



B07100



301F00

Inverse Universe

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



5B8ADE



4A8BFF



6C5BDE



656970



003FB0



001130

Previews

White Background



This preview shows how the Hex color DEAF5B looks on a white background.

Color Contrast Check

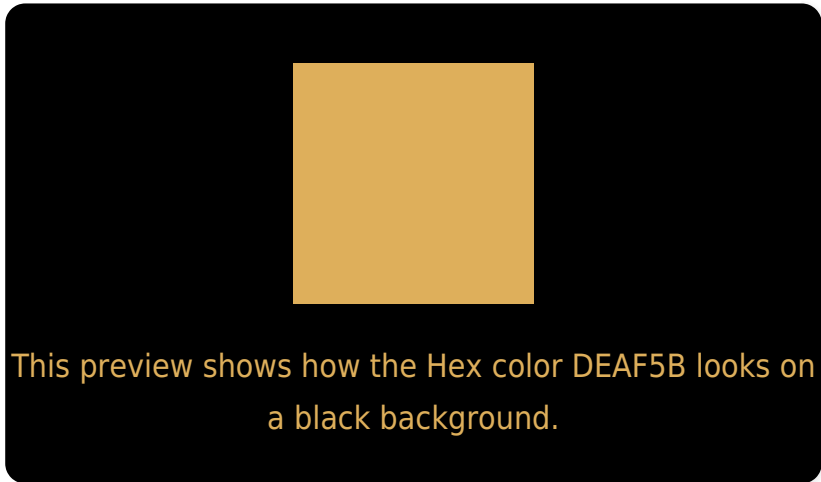
Large Text (above 18pt) WCAG AA × Fail

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 DEAF5B Background



This preview shows how black text looks on a background with the Hex color DEAF5B.

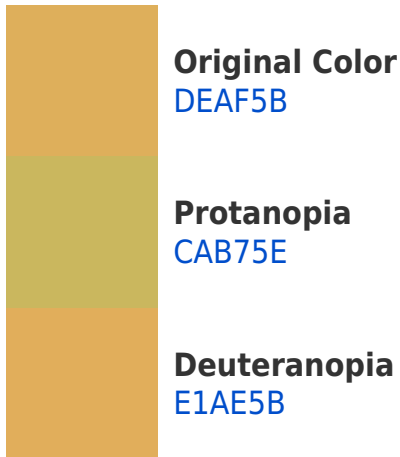


This preview shows how white text looks on a background with the Hex color DEAF5B.

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](#).

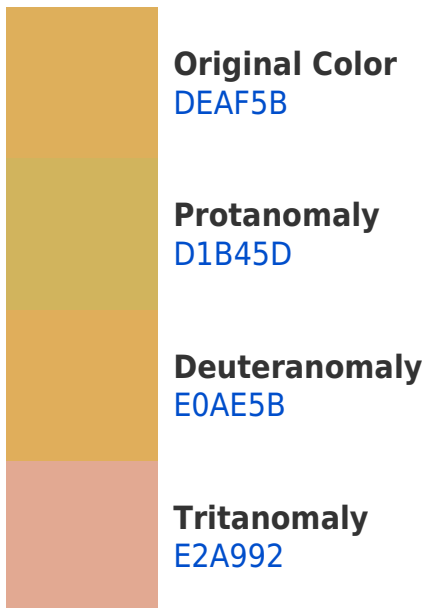
Dichromacy





Tritanopia
E5A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEAF5B 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 #DEAF5B looks like.

```
.text, #text, p{  
    color:#DEAF5B  
}
```

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 #DEAF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEAF5B
}
```

Border

The CSS property to change the border of an element to Hex DEAF5B 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
#DEAF5B }
```

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

```
.border{ border-color:#DEAF5B }
```

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

Here you see how a box with a 4 pixel #DEAF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEAF5B; -webkit-box-shadow:4px 4px  
4px 4px #DEAF5B; box-shadow:4px 4px 4px  
4px #DEAF5B }
```

Background

The CSS property to change the background color of an element to Hex DEAF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEAF5B }
```

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

```
.background{ background-color:#DEAF5B }
```

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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