

Converting Colors

Hex(DEB45E)

Have a look what the booklet for
Hex(DEB45E) contains.

Hex(DEB45E)	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(DEB45E)

Conversions

Conversions Part 1

Format	Color
Hex	DEB45E
RGB	222, 180, 94
RGB Percent	87%, 71%, 37%
CMY	0.1294, 0.2941, 0.6314
CMYK	0.00, 0.19, 0.58, 0.13
HSL	40°, 66%, 62%
HSV	40°, 58%, 87%
XYZ	48.4658, 48.9803, 17.4894
YIQ	182.7540, 52.6380, -17.8420

Conversions

Conversions Part 2

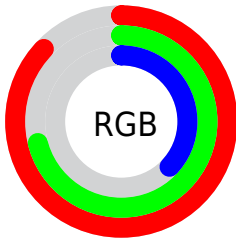
Format	Color
RYB	157, 222, 94
Decimal	14595166
CIELab	75.44, 5.32, 48.94
CIELCh	75, 49.224, 83.793
Yxy	48.9803, 0.4217, 0.4262
Android (android.graphics.Color)	4292785246 (0xFFDEB45E)
YUV	182.7540, -43.7557, 34.4187
Hunter-Lab	69.9859, 1.1375, 34.1736

Details

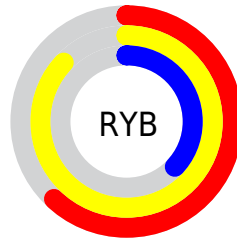
The Hex color **DEB45E** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5E88DE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEC93**, and **A47F2B** is the 20% darker color. If you saturate the color by 10%, you get **DEAD48**, and if you desaturate by 10%, it is **DEBB74**.

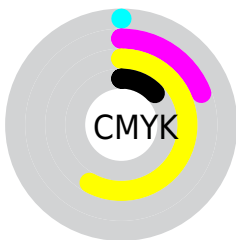
Distribution



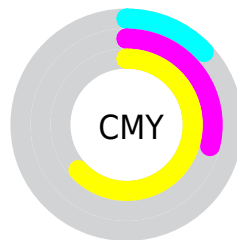
- Red (87%)
- Green (71%)
- Blue (37%)



- Red (62%)
- Yellow (87%)
- Blue (37%)



- Cyan (0%)
- Magenta (19%)
- Yellow (58%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEB45E 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 DEB45E by changing the saturation by 10% instead.

 DEB45E

 DEB45E

FFFFFF

 C19945

 FFEC93

 A47F2B

 FFFFAE

 88670F

 FFFFC A

 6C4F00

 FFFF E6

 513800

 372300

 1F0E00

 000000

 DEB45E

 DEB45E

 DEAD48

 DEBB74

 DEA532

 DEC38A

 DE9E1B

 DECAA1

 DE9705

 DED1B7

 DE9500

 DED8CD

 DEE0E3

 DEE7F9

 DEEEFF

 DEF6FF

Harmonies

Analogous

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



FFA472



DEB45E



B1C264

Triad

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



DEB45E



00D1DD



E9A0F0

Complementary

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



DEB45E



5E88DE

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.



AFB2FF



DEB45E



00CCFF

Square

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



DEB45E



28D1AF



58C1FF



FF95C5

Rectangle

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



DEB45E



8FC976



58C1FF



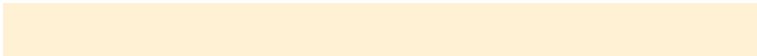
D9A6FC

Sweetspot

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



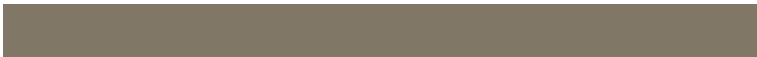
DEB45E



FFF1D4



DE5E89



807766



000000



808080

Same Dimension

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



DEB45E



FFC54F



C9DE5E



706D65



B07600



302100

Inverse Universe

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



5E88DE



4F89FF



735EDE



656970



003AB0



001030

Previews

White Background



This preview shows how the Hex color DEB45E looks on a white background.

Color Contrast Check

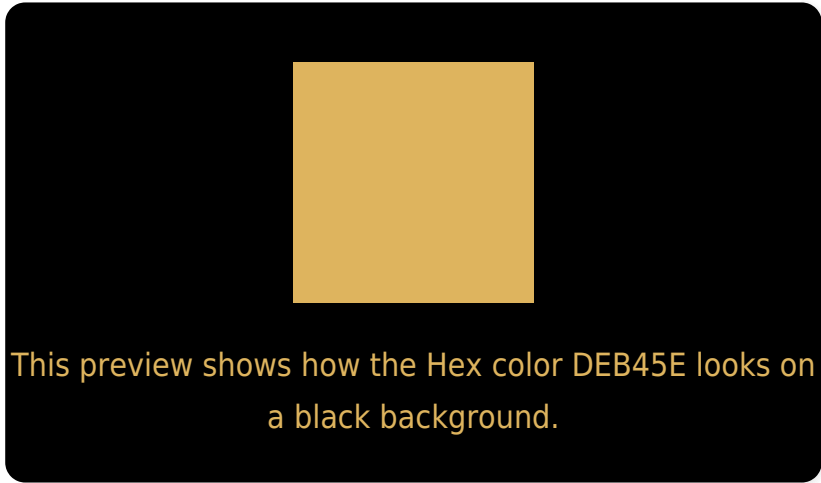
Large Text (above 18pt) WCAG AA × Fail

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 DEB45E Background



This preview shows how black text looks on a background with the Hex color DEB45E.

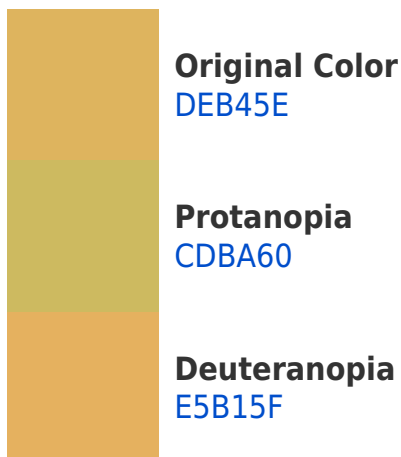


This preview shows how white text looks on a background with the Hex color DEB45E.

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](#).

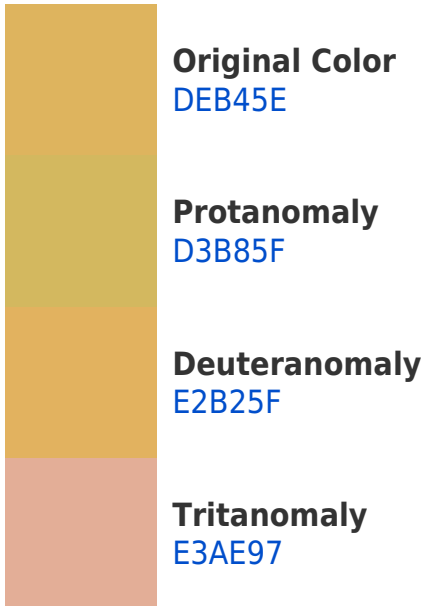
Dichromacy





Tritanopia
E6AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DEB45E 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 #DEB45E looks like.

```
.text, #text, p{  
    color:#DEB45E  
}
```

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 #DEB45E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB45E
}
```

Border

The CSS property to change the border of an element to Hex DEB45E 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
#DEB45E }
```

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

```
.border{ border-color:#DEB45E }
```

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

Here you see how a box with a 4 pixel #DEB45E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB45E; -webkit-box-shadow:4px 4px  
4px 4px #DEB45E; box-shadow:4px 4px 4px  
4px #DEB45E }
```

Background

The CSS property to change the background color of an element to Hex DEB45E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB45E }
```

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

```
.background{ background-color:#DEB45E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor