

Converting Colors

Hex(DEA45A)

Have a look what the booklet for
Hex(DEA45A) contains.

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Color

Hex(DEA45A)

Conversions

Conversions Part 1

Format	Color
Hex	DEA45A
RGB	222, 164, 90
RGB Percent	87%, 64%, 35%
CMY	0.1294, 0.3569, 0.6471
CMYK	0.00, 0.26, 0.59, 0.13
HSL	34°, 67%, 61%
HSV	34°, 59%, 87%
XYZ	45.2451, 42.8187, 15.5530
YIQ	172.9060, 58.3220, -10.7180

Conversions

Conversions Part 2

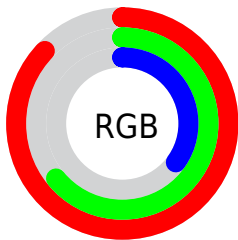
Format	Color
RYB	193, 222, 90
Decimal	14591066
CIELab	71.43, 13.54, 46.20
CIELCh	71, 48.141, 73.661
Yxy	42.8187, 0.4367, 0.4132
Android (android.graphics.Color)	4292781146 (0xFFDEA45A)
YUV	172.9060, -40.8727, 43.0554
Hunter-Lab	65.4360, 8.9092, 31.7130

Details

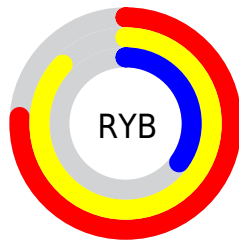
The Hex color **DEA45A** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5A94DE**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDB8E**, and **A37028** is the 20% darker color. If you saturate the color by 10%, you get **DE9A44**, and if you desaturate by 10%, it is **DEAE70**.

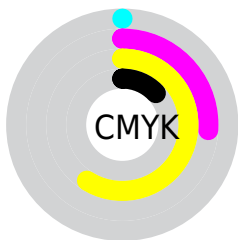
Distribution



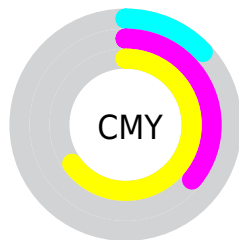
- Red (87%)
- Green (64%)
- Blue (35%)



- Red (76%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (59%)
- Black (13%)



- Cyan (13%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA45A 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 DEA45A by changing the saturation by 10% instead.

 DEA45A

 DEA45A

FFFFFF

 C08A41

 FFDB8E

 A37028

 FFF7A9

 87580D

 FFFFC5

 6B4100

 FFFFE1

 502A00

FFFFFFE

 351600

 1E0000

 000000

 DEA45A

 DEA45A

 DE9A44

 DEAE70

 DE902E

 DEB886

 DE8717

 DEC19D

 DE7D01

 DECBB3

 DE7C00

 DED5C9

 DEDFDF

 DEE8F5

 DEF2FF

 DEFCFF

Harmonies

Analogous

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



F99474



DEA45A



B6B357

Triad

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



DEA45A



00C6C2



CD9CEF

Complementary

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



DEA45A



5A94DE

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.



8CADFF



DEA45A



00C3EA

Square

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



DEA45A



44C495



10BAFF



F48EC9

Rectangle

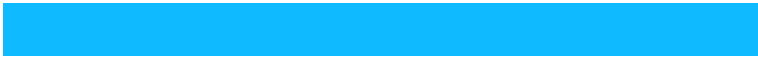
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEA45A



97BB63



10BAFF



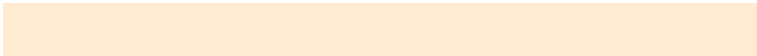
BAA1F8

Sweetspot

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



DEA45A



FFEBD1



DE5A95



807363



000000



808080

Same Dimension

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



DEA45A



FFAF4A



D7DE5A



706B65



B06300



301B00

Inverse Universe

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



5A94DE



4A9AFF



615ADE



656A70



004DB0



001530

Previews

White Background



This preview shows how the Hex color DEA45A looks on a white background.

Color Contrast Check

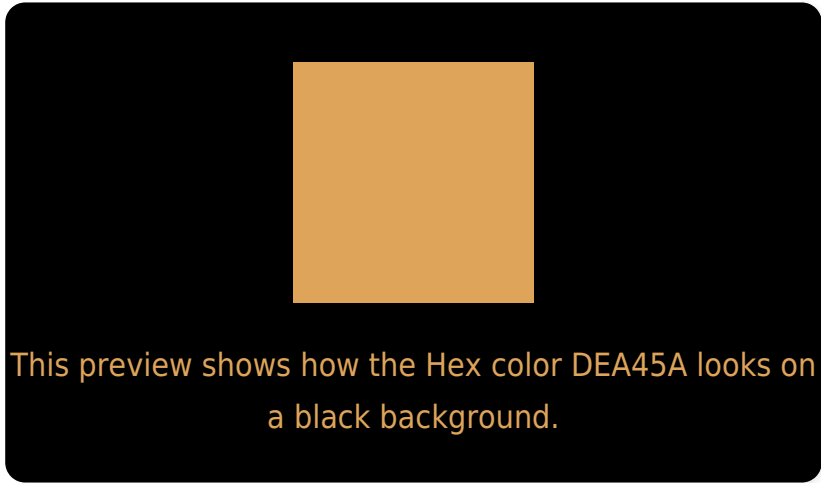
Large Text (above 18pt) WCAG AA × Fail

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 DEA45A Background



This preview shows how black text looks on a background with the Hex color DEA45A.

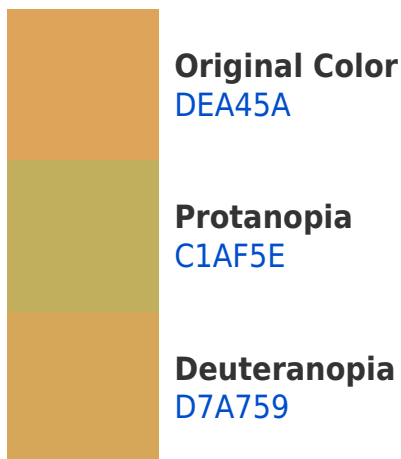


This preview shows how white text looks on a background with the Hex color DEA45A.

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](#).

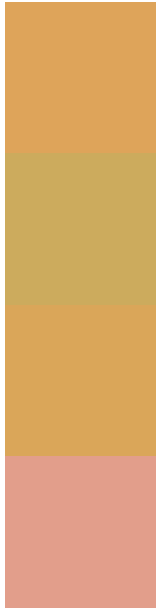
Dichromacy





Tritanopia
E49BA7

Trichromacy



Original Color
DEA45A

Protanomaly
CCAB5D

Deuteranomaly
DAA659

Tritanomaly
E29E8B

Monochromacy



Original Color
DEA45A

Achromatopsia
ADADAD

Achromatomaly
BFAA8F

CSS Examples

Text

The CSS property to change the color of the text to Hex DEA45A 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 #DEA45A looks like.

```
.text, #text, p{  
    color:#DEA45A  
}
```

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 #DEA45A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA45A
}
```

Border

The CSS property to change the border of an element to Hex DEA45A 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
#DEA45A }
```

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

```
.border{ border-color:#DEA45A }
```

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

Here you see how a box with a 4 pixel #DEA45A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA45A; -webkit-box-shadow:4px 4px  
4px 4px #DEA45A; box-shadow:4px 4px 4px  
4px #DEA45A }
```

Background

The CSS property to change the background color of an element to Hex DEA45A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA45A }
```

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

```
.background{ background-color:#DEA45A }
```

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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