

# Converting Colors

Hex(DE8E04)

Have a look what the booklet for  
Hex(DE8E04) contains.

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# **Color**

**Hex(DE8E04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE8E04
RGB	222, 142, 4
RGB Percent	87%, 56%, 2%
CMY	0.1294, 0.4431, 0.9843
CMYK	0.00, 0.36, 0.98, 0.13
HSL	38°, 96%, 44%
HSV	38°, 98%, 87%
XYZ	39.8191, 34.8844, 4.7495
YIQ	150.1880, 91.9780, -25.9580

# Conversions

## Conversions Part 2

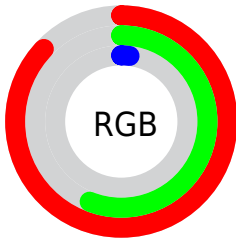
Format	Color
<a href="#">RYB</a>	<a href="#">130, 222, 4</a>
Decimal	<a href="#">14585348</a>
CIELab	<a href="#">65.66, 22.15, 70.39</a>
CIElCh	<a href="#">66, 73.791, 72.530</a>
Yxy	<a href="#">34.8844, 0.5012, 0.4391</a>
Android (android.graphics.Color)	<a href="#">4292775428</a> ( <a href="#">0xFFDE8E04</a> )
YUV	<a href="#">150.1880, -72.0707, 62.9791</a>
Hunter-Lab	<a href="#">59.0630, 16.9810, 36.5763</a>

# Details

The Hex color **DE8E04** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0454DE**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC44B**, and **A15C00** is the 20% darker color. If you saturate the color by 10%, you get **DE8D00**, and if you desaturate by 10%, it is **DE961A**.

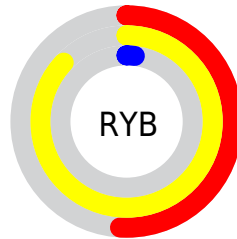
# Distribution



Red (87%)

Green (56%)

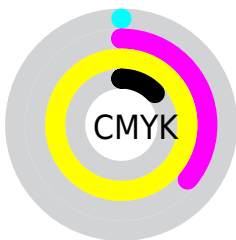
Blue (2%)



Red (51%)

Yellow (87%)

Blue (2%)

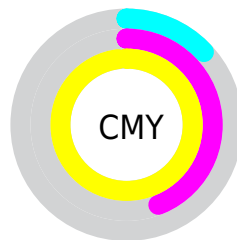


Cyan (0%)

Magenta (36%)

Yellow (98%)

Black (13%)



Cyan (13%)

Magenta (44%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE8E04 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 DE8E04 by changing the saturation by 10% instead.



 DE8E04

 DE8E04

FFFFFF

 BF7400

 FFC44B

 A15C00

 FFE066

 834400

 FFFC82

 652D00

 FFFF9E

 491700

 FFFFBA

 2F0100

 FFFFD7

 090000

 FFFFF4

 000000

 DE8E04

 DE8E04

■ DE8D00

■ DE961A

■ DE9E30

■ DEA647

■ DEAF5D

■ DEB773

■ DEBF89

■ DEC79F

■ DECFB6

■ DED7CC

# Harmonies

## Analogous

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



FF7148



DE8E04



A5A500

# Triad

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



DE8E04



00BEBA



C581FF

# Complementary

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



DE8E04



0454DE

# 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.



369EFF



DE8E04



00BBF8

# Square

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



DE8E04



00BB75



00B2FF



FF63C9

# Rectangle

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



DE8E04



76B01C



00B2FF



A58BFF



# Sweetspot

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



DE8E04



FFE4B5



DE0458



806F53



000000



808080



# Same Dimension

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



DE8E04



FFA100



C5DE04



706C65



B06F00



301F00



# Inverse Universe

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



0454DE



005EFF



1D04DE



656970



0041B0



001230



# Previews

## White Background



This preview shows how the Hex color DE8E04 looks on a white background.

## Color Contrast Check

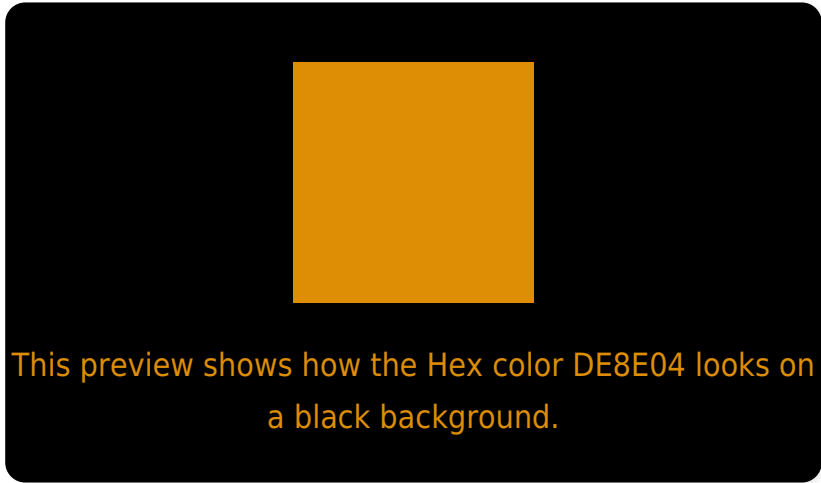
Large Text (above 18pt) WCAG AA × Fail

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 DE8E04 Background



This preview shows how black text looks on a background with the Hex color DE8E04.



This preview shows how white text looks on a background with the Hex color DE8E04.

# 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



**Original Color**  
DE8E04

**Protanopia**  
B4A010

**Deuteranopia**  
CA9800

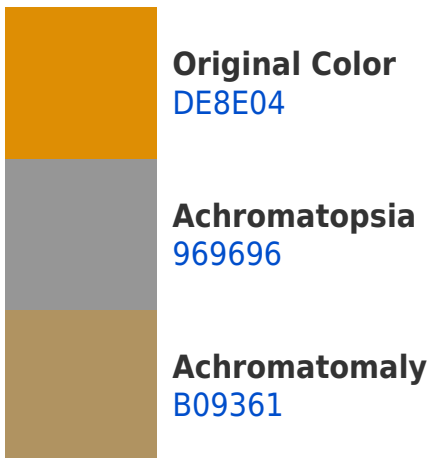


**Tritanopia**  
E4848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE8E04 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 #DE8E04 looks like.

```
.text, #text, p{  
    color:#DE8E04  
}
```

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 #DE8E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8E04
}
```

## Border

The CSS property to change the border of an element to Hex DE8E04 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
#DE8E04 }
```

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

```
.border{ border-color:#DE8E04 }
```

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

Here you see how a box with a 4 pixel #DE8E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8E04; -webkit-box-shadow:4px 4px  
4px 4px #DE8E04; box-shadow:4px 4px 4px  
4px #DE8E04 }
```

# Background

The CSS property to change the background color of an element to Hex DE8E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8E04 }
```

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

```
.background{ background-color:#DE8E04 }
```

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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