

# Converting Colors

Hex(DB8E10)

Have a look what the booklet for  
Hex(DB8E10) contains.

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# **Color**

**Hex(DB8E10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB8E10
RGB	219, 142, 16
RGB Percent	86%, 56%, 6%
CMY	0.1412, 0.4431, 0.9373
CMYK	0.00, 0.35, 0.93, 0.14
HSL	37°, 86%, 46%
HSV	37°, 93%, 86%
XYZ	38.9799, 34.4435, 5.0840
YIQ	150.6590, 86.3380, -22.8620

# Conversions

## Conversions Part 2

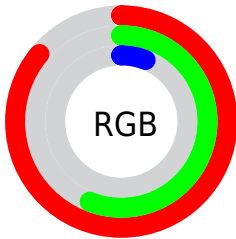
Format	Color
<a href="#">RYB</a>	<a href="#">140, 219, 16</a>
Decimal	<a href="#">14388752</a>
<a href="#">CIELab</a>	<a href="#">65.31, 20.99, 68.18</a>
<a href="#">CIElCh</a>	<a href="#">65, 71.336, 72.884</a>
<a href="#">Yxy</a>	<a href="#">34.4435, 0.4965, 0.4387</a>
Android (android.graphics.Color)	<a href="#">4292578832</a> ( <a href="#">0xFFDB8E10</a> )
<a href="#">YUV</a>	<a href="#">150.6590, -66.3869, 59.9351</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.6886, 15.8517, 35.9459</a>

# Details

The Hex color **DB8E10** 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 **105DDB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC44F**, and **9E5C00** is the 20% darker color. If you saturate the color by 10%, you get **DB8800**, and if you desaturate by 10%, it is **DB9626**.

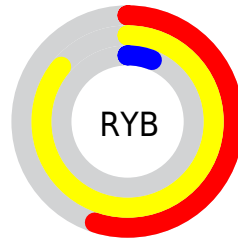
# Distribution



Red (86%)

Green (56%)

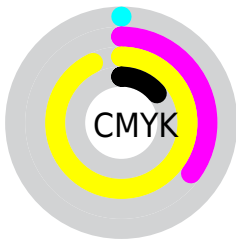
Blue (6%)



Red (55%)

Yellow (86%)

Blue (6%)

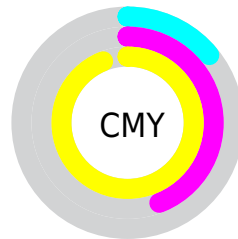


Cyan (0%)

Magenta (35%)

Yellow (93%)

Black (14%)



Cyan (14%)

Magenta (44%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB8E10 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 DB8E10 by changing the saturation by 10% instead.



 DB8E10

 DB8E10

FFFFFF

 BC7400

 FFC44F

 9E5C00

 FFE06A

 804400

 FFFC86

 632D00

 FFFFA2

 471800

 FFFFBE

 2D0100

 FFFFDB

 020000

 FFFFF8

 000000

 DB8E10

 DB8E10

 DB8800

 DB9626

 DB9F3C

 DBA752

 DBAF68

 DBB87E

 DBC093

 DBC8A9

 DBD0BF

 DBD9D5

# Harmonies

## Analogous

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



FF724A



DB8E10



A4A400

# Triad

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



DB8E10



00BCB9



C481FD

# Complementary

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



DB8E10



105DDB

# 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.



439DFF



DB8E10



00BAF4

# Square

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



DB8E10



00BA77



00B0FF



FE65C6

# Rectangle

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



DB8E10



76AE23



00B0FF



A68BFF



# Sweetspot

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



DB8E10



FFE4B8



DB105E



806F54



000000



808080



# Same Dimension

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



DB8E10



FF9E00



C3DB10



6E6963



AD6C00



2E1C00



# Inverse Universe

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



105DDB



0061FF



2810DB



63676E



0042AD



00112E



# Previews

## White Background



This preview shows how the Hex color DB8E10 looks on a white background.

## Color Contrast Check

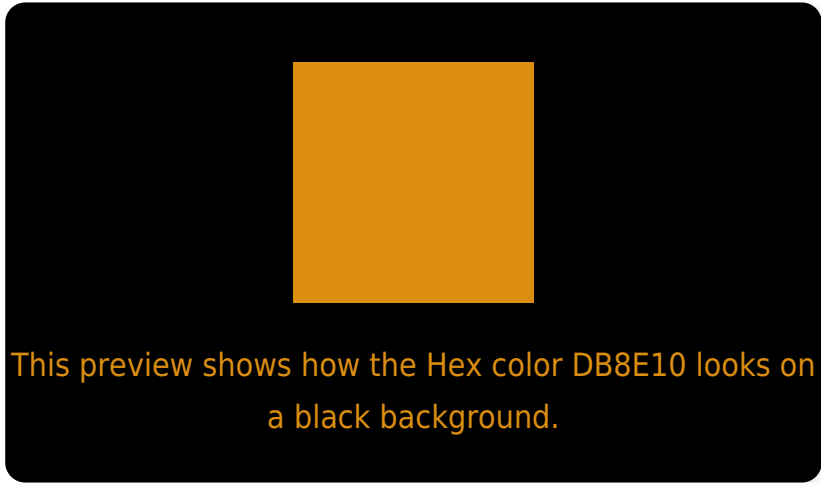
Large Text (above 18pt) WCAG AA × Fail

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 DB8E10 Background



This preview shows how black text looks on a background with the Hex color DB8E10.



This preview shows how white text looks on a background with the Hex color DB8E10.

# 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**  
DB8E10

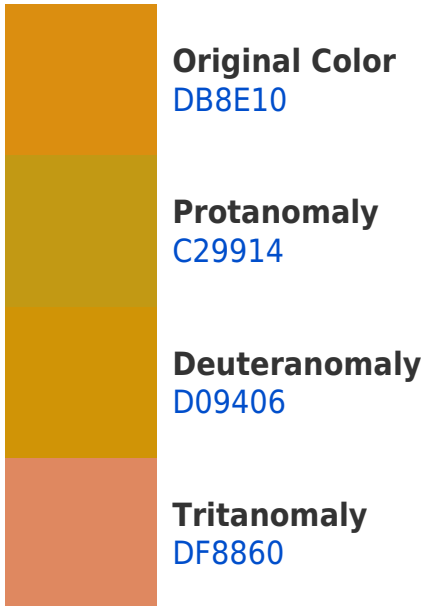
**Protanopia**  
B39F16

**Deuteranopia**  
C99700

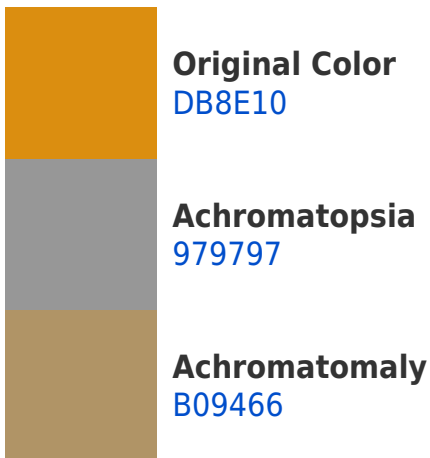


**Tritanopia**  
E1848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB8E10 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 #DB8E10 looks like.

```
.text, #text, p{  
    color:#DB8E10  
}
```

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 #DB8E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB8E10
}
```

## Border

The CSS property to change the border of an element to Hex DB8E10 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
#DB8E10 }
```

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

```
.border{ border-color:#DB8E10 }
```

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

Here you see how a box with a 4 pixel #DB8E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB8E10; -webkit-box-shadow:4px 4px  
4px 4px #DB8E10; box-shadow:4px 4px 4px  
4px #DB8E10 }
```

# Background

The CSS property to change the background color of an element to Hex DB8E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB8E10 }
```

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

```
.background{ background-color:#DB8E10 }
```

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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