

# Converting Colors

Hex(DF8517)

Have a look what the booklet for  
Hex(DF8517) contains.

<b>Hex(DF8517)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DF8517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF8517
RGB	223, 133, 23
RGB Percent	87%, 52%, 9%
CMY	0.1255, 0.4784, 0.9098
CMYK	0.00, 0.40, 0.90, 0.13
HSL	33°, 81%, 48%
HSV	33°, 90%, 87%
XYZ	38.9736, 32.5249, 5.0344
YIQ	147.3700, 88.9500, -15.1300

# Conversions

## Conversions Part 2

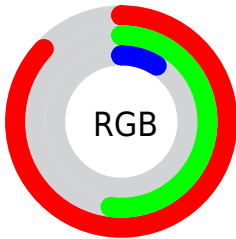
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">187, 223, 23</a>
Decimal	<a href="#">14648599</a>
<a href="#">CIELab</a>	<a href="#">63.77, 27.61, 65.76</a>
<a href="#">CIElCh</a>	<a href="#">64, 71.318, 67.226</a>
<a href="#">Yxy</a>	<a href="#">32.5249, 0.5092, 0.4250</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292838679 (0xFFDF8517)</a>
<a href="#">YUV</a>	<a href="#">147.3700, -61.3144, 66.3275</a>
<a href="#">Hunter-Lab</a>	<a href="#">57.0306, 22.1799, 34.6876</a>

# Details

The Hex color **DF8517** 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 **1771DF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFBB52**, and **A15300** is the 20% darker color. If you saturate the color by 10%, you get **DF7B01**, and if you desaturate by 10%, it is **DF8F2D**.

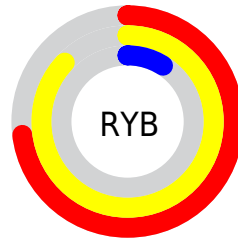
# Distribution



Red (87%)

Green (52%)

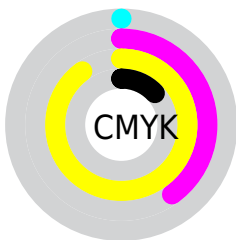
Blue (9%)



Red (73%)

Yellow (87%)

Blue (9%)

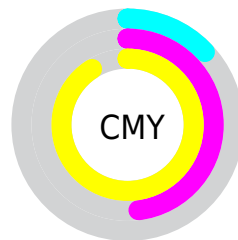


Cyan (0%)

Magenta (40%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (48%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF8517 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 DF8517 by changing the saturation by 10% instead.



DF8517

DF8517

FFFFFF

C06B00

FFBB52

A15300

FFD66C

833B00

FFF388

662400

FFFFA3

490C00

FFFFBF

2F0000

FFFFDC

020000

FFFFF9

000000

DF8517

DF8517

 DF7B01

 DF8F2D

 DF7B00

 DF9944

 DFA35A

 DFAD70

 DFB786

 DFC19D

 DFCBB3

 DFD5C9

 DFDFE0

# Harmonies

## Analogous

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



FF6951



DF8517



AB9D00

# Triad

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



DF8517



00B8A9



AF82FF

# Complementary

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



DF8517



1771DF

# 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.



009DFF



DF8517



00B6E6

# Square

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



DF8517



00B466



00AEFF



F265CD

# Rectangle

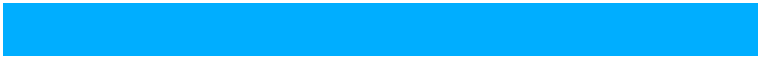
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF8517



80A810



00AEFF



8C8CFF



# Sweetspot

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



DF8517



FFE0BA



DF1771



806D57



000000



808080



# Same Dimension

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



DF8517



FF8C00



D5DF17



706B65



B06100



301B00



# Inverse Universe

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



1771DF



0073FF



2117DF



656A70



004FB0



001630



# Previews

## White Background



This preview shows how the Hex color DF8517 looks on a white background.

## Color Contrast Check

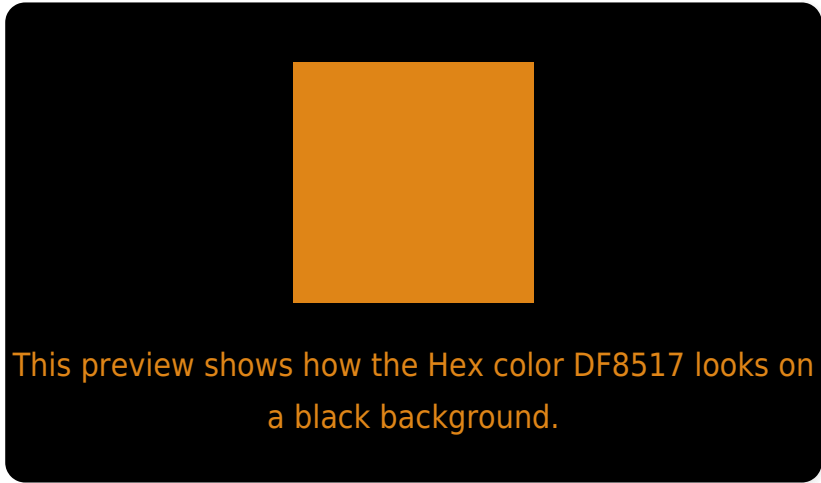
Large Text (above 18pt) WCAG AA × Fail

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 DF8517 Background



This preview shows how black text looks on a background with the Hex color DF8517.

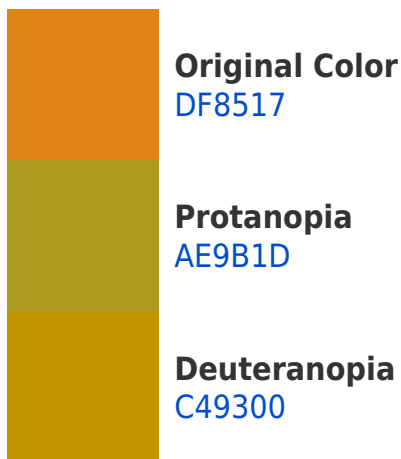


This preview shows how white text looks on a background with the Hex color DF8517.

# 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](#).

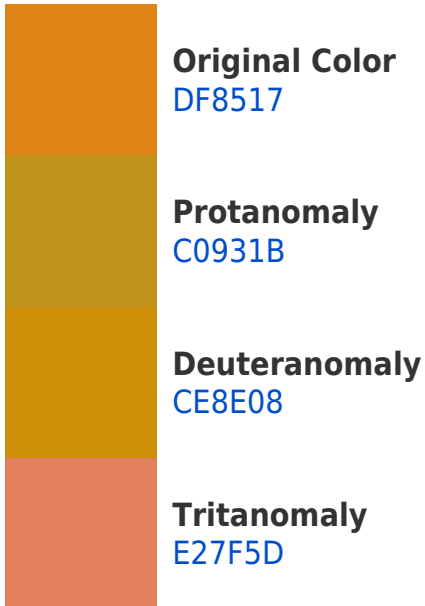
## Dichromacy





**Tritanopia**  
E47C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF8517 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 #DF8517 looks like.

```
.text, #text, p{  
    color:#DF8517  
}
```

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 #DF8517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF8517
}
```

## Border

The CSS property to change the border of an element to Hex DF8517 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
#DF8517 }
```

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

```
.border{ border-color:#DF8517 }
```

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

Here you see how a box with a 4 pixel #DF8517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF8517; -webkit-box-shadow:4px 4px  
4px 4px #DF8517; box-shadow:4px 4px 4px  
4px #DF8517 }
```

# Background

The CSS property to change the background color of an element to Hex DF8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF8517 }
```

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

```
.background{ background-color:#DF8517 }
```

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