

# Converting Colors

Hex(DFA536)

Have a look what the booklet for  
Hex(DFA536) contains.

<b>Hex(DFA536)</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(DFA536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFA536
RGB	223, 165, 54
RGB Percent	87%, 65%, 21%
CMY	0.1255, 0.3529, 0.7882
CMYK	0.00, 0.26, 0.76, 0.13
HSL	39°, 73%, 54%
HSV	39°, 76%, 87%
XYZ	44.5524, 42.8646, 9.4156
YIQ	169.6880, 70.1990, -22.2250

# Conversions

## Conversions Part 2

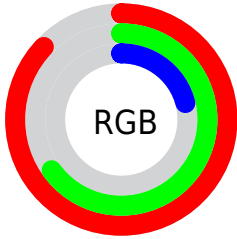
Format	Color
<a href="#">RYB</a>	<a href="#">142, 223, 54</a>
Decimal	<a href="#">14656822</a>
CIELab	<a href="#">71.46, 11.41, 62.36</a>
CIELCh	<a href="#">71, 63.391, 79.634</a>
Yxy	<a href="#">42.8646, 0.4601, 0.4427</a>
Android (android.graphics.Color)	<a href="#">4292846902</a> ( <a href="#">0xFFDFA536</a> )
YUV	<a href="#">169.6880, -57.0342, 46.7546</a>
Hunter-Lab	<a href="#">65.4711, 6.8932, 37.3031</a>

# Details

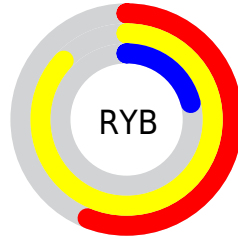
The Hex color **DFA536** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3670DF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDC6C**, and **A37100** is the 20% darker color. If you saturate the color by 10%, you get **DF9D20**, and if you desaturate by 10%, it is **DFAD4C**.

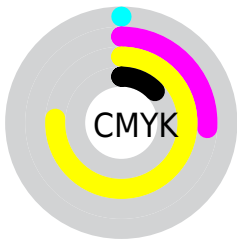
# Distribution



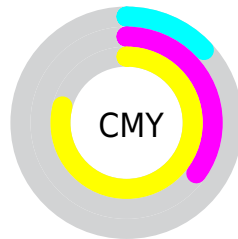
- Red (87%)
- Green (65%)
- Blue (21%)



- Red (56%)
- Yellow (87%)
- Blue (21%)



- Cyan (0%)
- Magenta (26%)
- Yellow (76%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFA536 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 DFA536 by changing the saturation by 10% instead.



 DFA536

 DFA536

FFFFFF

 C18B17

 FFDC6C

 A37100

 FFF887

 865900

 FFFFA3

 6A4200

 FFFFBF

 4E2C00

 FFFFDC

 331700

 FFFFF9

 1C0000

 000000

 DFA536

 DFA536

 DF9D20

 DFAD4C

 DF9609

 DFB463

 DF9200

 DFBC79

 DFC48F

 DFCBA6

 DFD3BC

 DFDBD2

 DFE2E8

 DFEAFF

# Harmonies

## Analogous

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



FF8E58



DFA536



A9B839

# Triad

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



DFA536



00CBD4



E290FB

# Complementary

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



DFA536



3670DF

# 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.



8DA8FF



DFA536



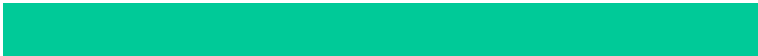
00C7FF

# Square

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



DFA536



00CA98



00BBFF



FF7DC6

# Rectangle

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



DFA536



7EC051



00BBFF



CA98FF



# Sweetspot

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



DFA536



FFEBC4



DF3671



80735C



000000



808080



# Same Dimension

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



DFA536



FFAF17



C6DF36



706C65



B07400



302000



# Inverse Universe

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



3670DF



1767FF



4F36DF



656970



003CB0



001130



# Previews

## White Background



This preview shows how the Hex color DFA536 looks on a white background.

## Color Contrast Check

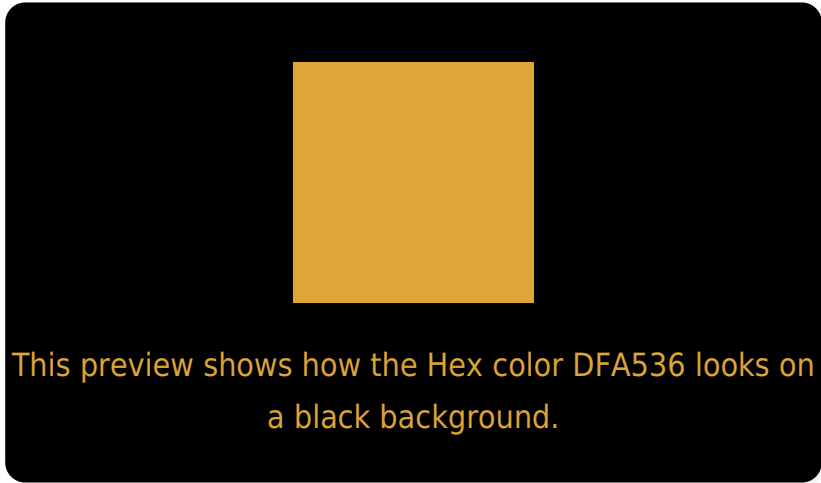
Large Text (above 18pt) WCAG AA × Fail

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 DFA536 Background



This preview shows how black text looks on a background with the Hex color DFA536.

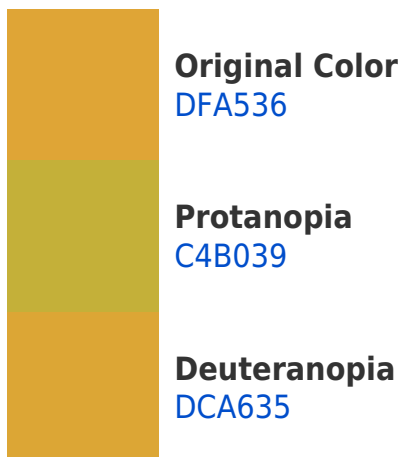


This preview shows how white text looks on a background with the Hex color DFA536.

# 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](#).

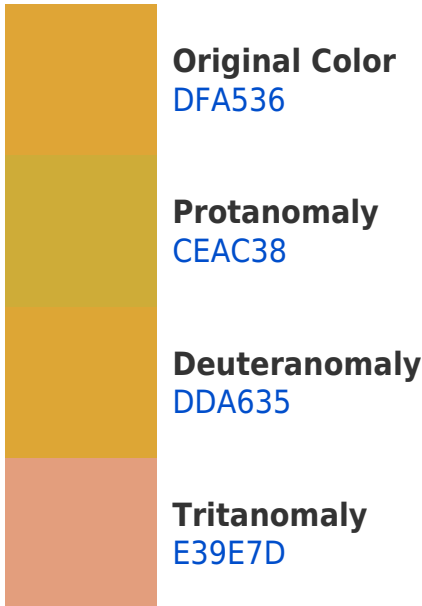
## Dichromacy



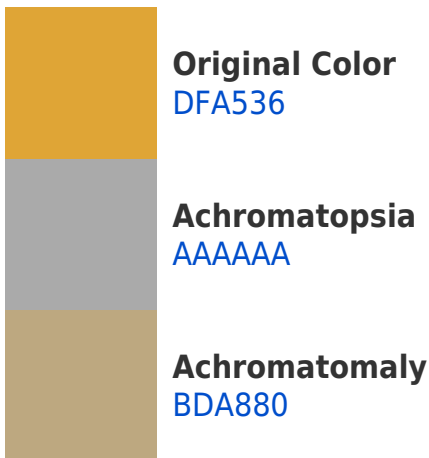


**Tritanopia**  
E69AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFA536 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 #DFA536 looks like.

```
.text, #text, p{  
    color:#DFA536  
}
```

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 #DFA536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFA536
}
```

## Border

The CSS property to change the border of an element to Hex DFA536 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
#DFA536 }
```

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

```
.border{ border-color:#DFA536 }
```

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

Here you see how a box with a 4 pixel #DFA536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFA536; -webkit-box-shadow:4px 4px  
4px 4px #DFA536; box-shadow:4px 4px 4px  
4px #DFA536 }
```

# Background

The CSS property to change the background color of an element to Hex DFA536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFA536 }
```

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

```
.background{ background-color:#DFA536 }
```

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