

# Converting Colors

Hex(DD4611)

Have a look what the booklet for  
Hex(DD4611) contains.

<b>Hex(DD4611)</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(DD4611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD4611
RGB	221, 70, 17
RGB Percent	87%, 27%, 7%
CMY	0.1333, 0.7255, 0.9333
CMYK	0.00, 0.68, 0.92, 0.13
HSL	16°, 86%, 47%
HSV	16°, 92%, 87%
XYZ	32.1101, 19.7929, 2.6583
YIQ	109.1070, 107.0090, 15.5290

# Conversions

## Conversions Part 2

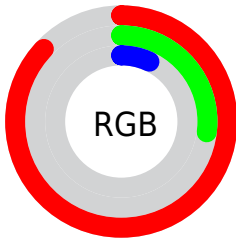
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 89, 17</a>
Decimal	<a href="#">14501393</a>
CIELab	<a href="#">51.60, 56.84, 58.54</a>
CIElCh	<a href="#">52, 81.595, 45.839</a>
Yxy	<a href="#">19.7929, 0.5885, 0.3628</a>
Android (android.graphics.Color)	<a href="#">4292691473 (0xFFDD4611)</a>
YUV	<a href="#">109.1070, -45.4088, 98.1302</a>
Hunter-Lab	<a href="#">44.4893, 50.9762, 27.5998</a>

# Details

The Hex color **DD4611** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **11A8DD**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7E46**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DD3900**, and if you desaturate by 10%, it is **DD5627**.

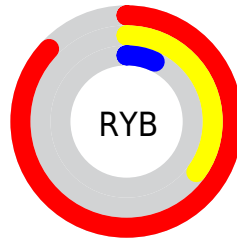
# Distribution



Red (87%)

Green (27%)

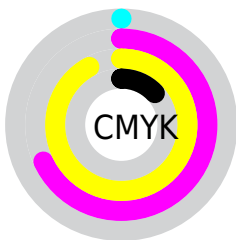
Blue (7%)



Red (87%)

Yellow (35%)

Blue (7%)

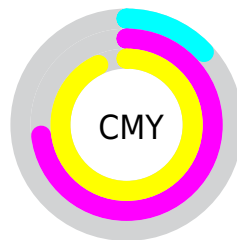


Cyan (0%)

Magenta (68%)

Yellow (92%)

Black (13%)



Cyan (13%)

Magenta (73%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD4611 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 DD4611 by changing the saturation by 10% instead.



 DD4611

 DD4611

FFFFFF

 BD2800

 FF7E46

 9D0000

 FF9A5F

 7D0000

 FFB679

 5F0000

 FFD394

 420002

 FFF0AF

 220001

 FFFF00

 000000

 FFFF00

 DD4611

 DD4611

■ DD3900

■ DD5627

■ DD673D

■ DD7753

■ DD8769

■ DD9880

■ DDA896

■ DDB9AC

■ DDC9C2

■ DDD9D8

# Harmonies

## Analogous

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



F20A5A



DD4611



B06C00

# Triad

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



DD4611



009656



0077FF

# Complementary

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



DD4611



11A8DD

# 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.



008DFF



DD4611



00989F

# Square

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



DD4611



009000



0096DF



A952DE

# Rectangle

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



DD4611



897D00



0096DF



0080FF



# Sweetspot

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



DD4611



FFCAB8



DD11AA



805F54



000000



808080



# Same Dimension

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



DD4611



FF4200



DDAA11



6E6663



AD2D00



2E0C00



# Inverse Universe

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



11A8DD



00BDFF



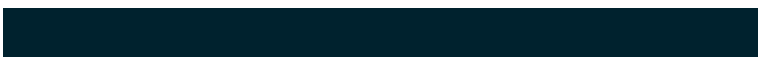
1144DD



636B6E



0080AD



00222E



# Previews

## White Background



This preview shows how the Hex color DD4611 looks on a white background.

## Color Contrast Check

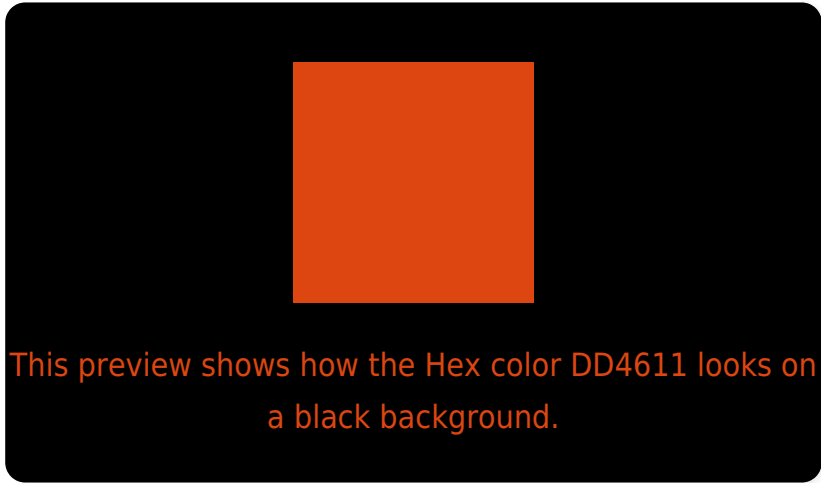
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DD4611 Background



This preview shows how black text looks on a background with the Hex color DD4611.



This preview shows how white text looks on a background with the Hex color DD4611.

# 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



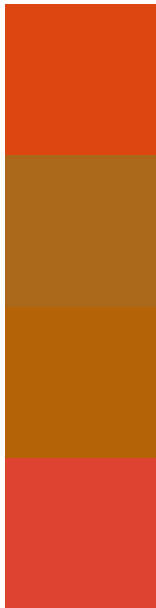
**Original Color**  
DD4611

**Protanopia**  
8B7C1F

**Deuteranopia**  
9C7500



# Trichromacy



**Original Color**  
DD4611

**Protanomaly**  
A9681A

**Deuteranomaly**  
B46406

**Tritanomaly**  
DE4332

# Monochromacy



**Original Color**  
DD4611

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
965F4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD4611 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 #DD4611 looks like.

```
.text, #text, p{  
    color:#DD4611  
}
```

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 #DD4611 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4611
}
```

## Border

The CSS property to change the border of an element to Hex DD4611 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
#DD4611 }
```

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

```
.border{ border-color:#DD4611 }
```

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

Here you see how a box with a 4 pixel #DD4611 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4611; -webkit-box-shadow:4px 4px  
4px 4px #DD4611; box-shadow:4px 4px 4px  
4px #DD4611 }
```

# Background

The CSS property to change the background color of an element to Hex DD4611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4611 }
```

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

```
.background{ background-color:#DD4611 }
```

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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