

# Converting Colors

Hex(DE4913)

Have a look what the booklet for  
Hex(DE4913) contains.

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**Color**

**Hex(DE4913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE4913
RGB	222, 73, 19
RGB Percent	87%, 29%, 7%
CMY	0.1294, 0.7137, 0.9255
CMYK	0.00, 0.67, 0.91, 0.13
HSL	16°, 84%, 47%
HSV	16°, 91%, 87%
XYZ	32.6243, 20.3417, 2.8229
YIQ	111.3950, 106.1380, 14.7940

# Conversions

## Conversions Part 2

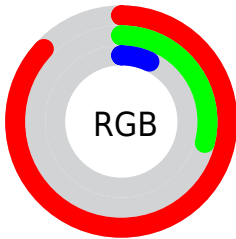
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 93, 19
Decimal	14567699
CIE Lab	52.22, 56.03, 58.43
CIE LCh	52, 80.949, 46.203
Yxy	20.3417, 0.5848, 0.3646
Android (android.graphics.Color)	4292757779 (0xFFDE4913)
YUV	111.3950, -45.5507, 97.0006
Hunter-Lab	45.1018, 50.1896, 27.8602

# Details

The Hex color **DE4913** 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 **13A8DE**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8147**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DE3B00**, and if you desaturate by 10%, it is **DE5929**.

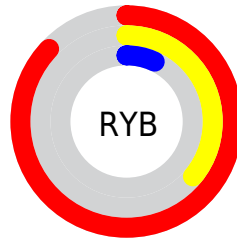
# Distribution



Red (87%)

Green (29%)

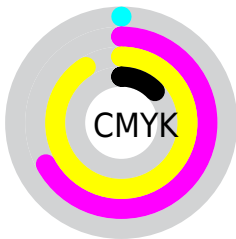
Blue (7%)



Red (87%)

Yellow (36%)

Blue (7%)

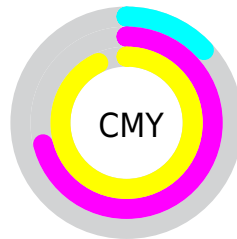


Cyan (0%)

Magenta (67%)

Yellow (91%)

Black (13%)



Cyan (13%)

Magenta (71%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE4913 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 DE4913 by changing the saturation by 10% instead.



 DE4913

 DE4913

FFFFFF

 BE2B00

 FF8147

 9E0000

 FF9C61

 7E0000

 FFB97B

 600000

 FFD696

 430002

 FFF3B1

 240001

 FFFFCD

 000000

 FFFF E9

 DE4913

 DE4913

 DE3B00

 DE5929

 DE6A3F

 DE7A56

 DE8A6C

 DE9A82

 DEAB98

 DEBBAE

 DECBC5

 DEDCDB

# Harmonies

## Analogous

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



F3165B



DE4913



B16E00

# Triad

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



DE4913



009859



0079FF

# Complementary

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



DE4913



13A8DE

# 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.



008EFF



DE4913



009AA2

# Square

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



DE4913



009200



0098E1



AC54DE

# Rectangle

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



DE4913



8B7F00



0098E1



0081FF



# Sweetspot

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



DE4913



FFCCBA



DE13AB



806257



000000



808080



# Same Dimension

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



DE4913



FF4400



DEAB13



706865



B02F00



300D00

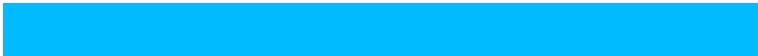


# Inverse Universe

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



13A8DE



00BBFF



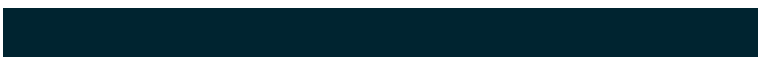
1346DE



656D70



0081B0



002430



# Previews

## White Background



This preview shows how the Hex color DE4913 looks on a white background.

## Color Contrast Check

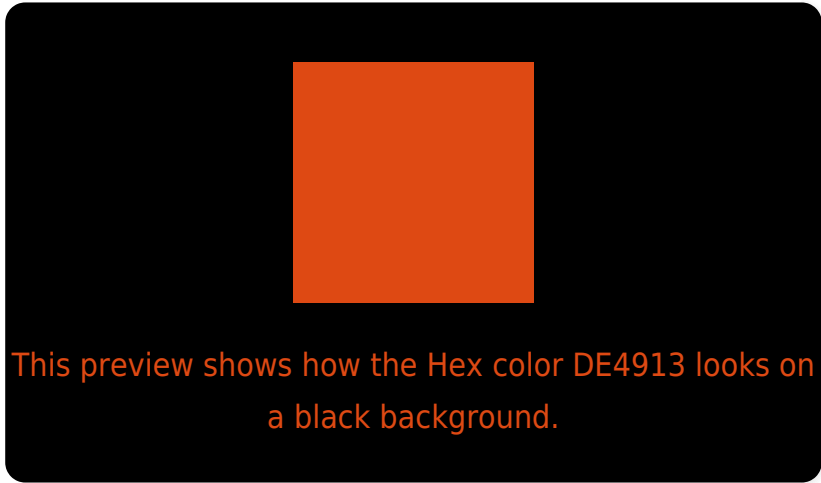
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE4913 Background



This preview shows how black text looks on a background with the Hex color DE4913.



This preview shows how white text looks on a background with the Hex color DE4913.

# 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**  
DE4913

**Protanopia**  
8D7D20

**Deuteranopia**  
9E7700

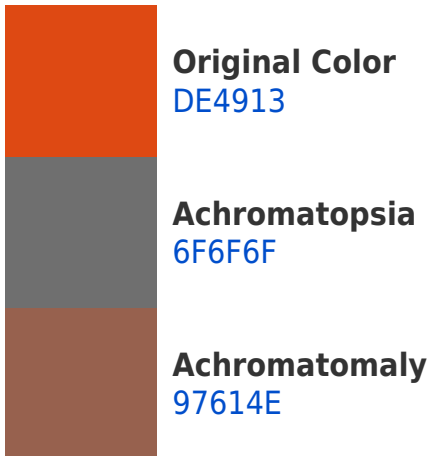


**Tritanopia**  
DF4448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE4913 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 #DE4913 looks like.

```
.text, #text, p{  
    color:#DE4913  
}
```

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 #DE4913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE4913
}
```

## Border

The CSS property to change the border of an element to Hex DE4913 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
#DE4913 }
```

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

```
.border{ border-color:#DE4913 }
```

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

Here you see how a box with a 4 pixel #DE4913 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE4913; -webkit-box-shadow:4px 4px  
4px 4px #DE4913; box-shadow:4px 4px 4px  
4px #DE4913 }
```

# Background

The CSS property to change the background color of an element to Hex DE4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE4913 }
```

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

```
.background{ background-color:#DE4913 }
```

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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