

# Converting Colors

Hex(D61F3E)

Have a look what the booklet for  
Hex(D61F3E) contains.

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# Color

Hex(D61F3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	D61F3E
RGB	214, 31, 62
RGB Percent	84%, 12%, 24%
CMY	0.1608, 0.8784, 0.7569
CMYK	0.00, 0.86, 0.71, 0.16
HSL	350°, 75%, 48%
HSV	350°, 86%, 84%
XYZ	29.0910, 15.6239, 6.0399
YIQ	89.2510, 99.1170, 48.4370

# Conversions

## Conversions Part 2

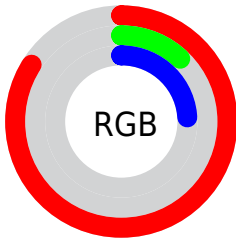
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 31, 62</a>
Decimal	<a href="#">14032702</a>
CIELab	<a href="#">46.48, 67.66, 31.44</a>
CIElCh	<a href="#">46, 74.610, 24.925</a>
Yxy	<a href="#">15.6239, 0.5732, 0.3078</a>
Android (android.graphics.Color)	<a href="#">4292222782 (0xFFD61F3E)</a>
YUV	<a href="#">89.2510, -13.4347, 109.4049</a>
Hunter-Lab	<a href="#">39.5271, 62.1995, 18.6093</a>

# Details

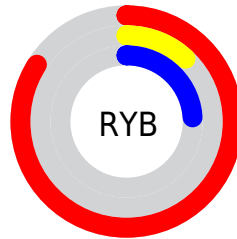
The Hex color **D61F3E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1FD6B7**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF636D**, and **970014** is the 20% darker color. If you saturate the color by 10%, you get **D60A2C**, and if you desaturate by 10%, it is **D63450**.

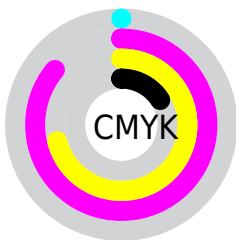
# Distribution



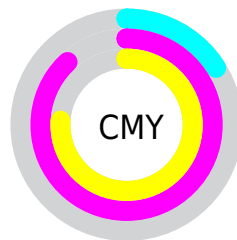
- Red (84%)
- Green (12%)
- Blue (24%)



- Red (84%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (86%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (88%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D61F3E 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 D61F3E by changing the saturation by 10% instead.



 D61F3E

 D61F3E

FFFFFF

 B60028

 FF636D

 970014

 FF8087

 780000

 FF9DA1

 590001

 FFBABC

 3B0002

 FFD8D8

 150000

 FFF6F4

 000000

 D61F3E

 D61F3E

 D60A2C

 D63450

 D60024

 D64A62

 D65F73

 D67585

 D68A97

 D69FA9

 D6B5BA

 D6CACC

 D6E0DE

# Harmonies

## Analogous

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



D4097C



D61F3E



BC4B00

# Triad

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



D61F3E



00831B



007AED

# Complementary

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



D61F3E



1FD6B7

# 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.



0085D5



D61F3E



008861

# Square

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



D61F3E



537A00



0088A2



4862E1

# Rectangle

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



D61F3E



A06000



0088A2



007FE8



# Sweetspot

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



D61F3E



FFBDC8



B41FD6



80585F



000000



808080



# Same Dimension

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



D61F3E



FF002B



D6591F



6B6062



AB001D



2B0007



# Inverse Universe

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



D61F3E



FF002B



1F9CD6



6B6062



AB001D



2B0007



# Previews

## White Background



This preview shows how the Hex color D61F3E looks on a white background.

## Color Contrast Check

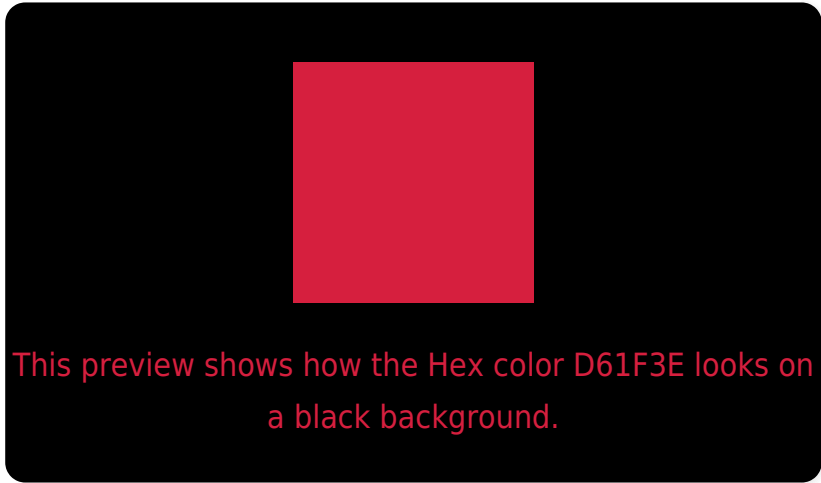
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex D61F3E Background



This preview shows how black text looks on a background with the Hex color D61F3E.

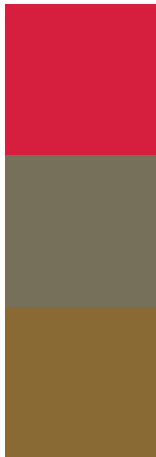


This preview shows how white text looks on a background with the Hex color D61F3E.

# 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**  
D61F3E

**Protanopia**  
766F59

**Deuteranopia**  
896A34



# Trichromacy



**Original Color**  
D61F3E

**Protanomaly**  
99524F

**Deuteranomaly**  
A54F38

**Tritanomaly**  
D5232D

# Monochromacy



**Original Color**  
D61F3E

**Achromatopsia**  
595959

**Achromatomaly**  
86444F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D61F3E 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 #D61F3E looks like.

```
.text, #text, p{  
    color:#D61F3E  
}
```

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 #D61F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D61F3E
}
```

## Border

The CSS property to change the border of an element to Hex D61F3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

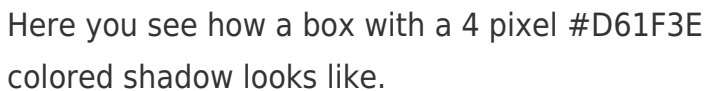
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D61F3E }
```

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

```
.border{ border-color:#D61F3E }
```

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



Here you see how a box with a 4 pixel #D61F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D61F3E; -webkit-box-shadow:4px 4px  
4px 4px #D61F3E; box-shadow:4px 4px 4px  
4px #D61F3E }
```

# Background

The CSS property to change the background color of an element to Hex D61F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D61F3E }
```

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

```
.background{ background-color:#D61F3E }
```

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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