

# Converting Colors

Hex(DD133E)

Have a look what the booklet for  
Hex(DD133E) contains.

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# Color

**Hex(DD133E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD133E
RGB	221, 19, 62
RGB Percent	87%, 7%, 24%
CMY	0.1333, 0.9255, 0.7569
CMYK	0.00, 0.91, 0.72, 0.13
HSL	347°, 84%, 47%
HSV	347°, 91%, 87%
XYZ	30.9212, 16.1857, 6.0519
YIQ	84.3000, 106.5890, 56.1970

# Conversions

## Conversions Part 2

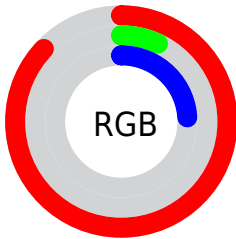
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 19, 62
Decimal	14488382
CIE <sub>Lab</sub>	47.22, 71.39, 32.67
CIE <sub>LCh</sub>	47, 78.513, 24.588
Yxy	16.1857, 0.5817, 0.3045
Android (android.graphics.Color)	4292678462 (0xFFDD133E)
YUV	84.3000, -10.9939, 119.8859
Hunter-Lab	40.2315, 66.7868, 19.2433

# Details

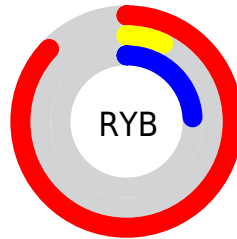
The Hex color **DD133E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **13DDB2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5F6D**, and **9D0014** is the 20% darker color. If you saturate the color by 10%, you get **DD002F**, and if you desaturate by 10%, it is **DD294F**.

# Distribution



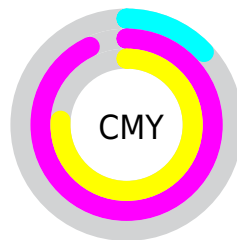
- Red (87%)
- Green (7%)
- Blue (24%)



- Red (87%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (72%)
- Black (13%)



- Cyan (13%)
- Magenta (93%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD133E 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 DD133E by changing the saturation by 10% instead.



 DD133E

 DD133E

FFFFFF

 BD0028

 FF5F6D

 9D0014

 FF7D87

 7E0000

 FF9AA1

 5E0002

 FFB8BC

 410003

 FFD6D8

 1E0001

 FFF4F4

 000000

 DD133E

 DD133E

 DD002F

 DD294F

 DD3F61

 DD5572

 DD6B84

 DD8295

 DD98A6

 DDAEB8

 DDC4C9

 DDDADB

# Harmonies

## Analogous

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



DB007F



DD133E



C24900

# Triad

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



DD133E



008615



007DF6

# Complementary

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



DD133E



13DDB2

# 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.



0088DC



DD133E



008A62

# Square

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



DD133E



537C00



008BA6



4164EA

# Rectangle

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



DD133E



A46000



008BA6



0082F1



# Sweetspot

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



DD133E



FFBAC9



B113DD



80575F



000000



808080



# Same Dimension

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



DD133E



FF0036



DD4C13



6E6365



AD0025



2E000A



# Inverse Universe

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



DD133E



FF0036



13A4DD



6E6365



AD0025



2E000A



# Previews

## White Background



This preview shows how the Hex color DD133E looks on a white background.

## Color Contrast Check

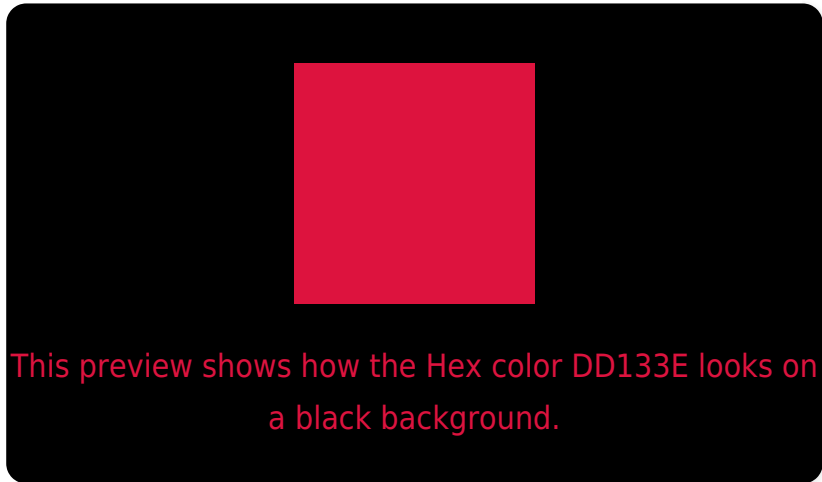
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD133E Background



This preview shows how black text looks on a background with the Hex color DD133E.



This preview shows how white text looks on a background with the Hex color DD133E.

# 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](#).

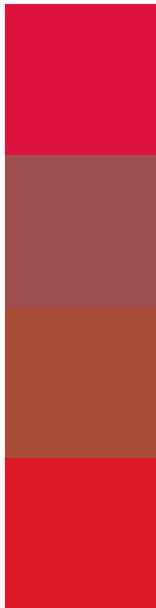
## Dichromacy





**Tritanopia**  
DC1E1A

# Trichromacy



**Original Color**  
DD133E

**Protanomaly**  
9D4F50

**Deuteranomaly**  
A94C37

**Tritanomaly**  
DC1A27

# Monochromacy



**Original Color**  
DD133E

**Achromatopsia**  
545454

**Achromatomaly**  
863C4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD133E 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 #DD133E looks like.

```
.text, #text, p{  
    color:#DD133E  
}
```

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 #DD133E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD133E
}
```

## Border

The CSS property to change the border of an element to Hex DD133E 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
#DD133E }
```

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

```
.border{ border-color:#DD133E }
```

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

Here you see how a box with a 4 pixel #DD133E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD133E; -webkit-box-shadow:4px 4px  
4px 4px #DD133E; box-shadow:4px 4px 4px  
4px #DD133E }
```

# Background

The CSS property to change the background color of an element to Hex DD133E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD133E }
```

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

```
.background{ background-color:#DD133E }
```

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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