

Converting Colors

Hex(D9133E)

Have a look what the booklet for
Hex(D9133E) contains.

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Color

Hex(D9133E)

Conversions

Conversions Part 1

Format	Color
Hex	D9133E
RGB	217, 19, 62
RGB Percent	85%, 7%, 24%
CMY	0.1490, 0.9255, 0.7569
CMYK	0.00, 0.91, 0.71, 0.15
HSL	347°, 84%, 46%
HSV	347°, 91%, 85%
XYZ	29.7176, 15.5653, 5.9955
YIQ	83.1040, 104.2050, 55.3490

Conversions

Conversions Part 2

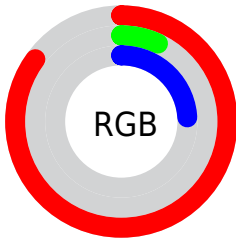
Format	Color
R_{YB}	217, 19, 62
Decimal	14226238
CIE _{Lab}	46.40, 70.40, 31.50
CIE _{LCh}	46, 77.125, 24.103
Yxy	15.5653, 0.5795, 0.3035
Android (android.graphics.Color)	4292416318 (0xFFD9133E)
YUV	83.1040, -10.4043, 117.4268
Hunter-Lab	39.4528, 65.4118, 18.6069

Details

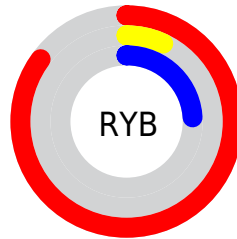
The Hex color **D9133E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **13D9AE**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5E6D**, and **990015** is the 20% darker color. If you saturate the color by 10%, you get **D9002F**, and if you desaturate by 10%, it is **D9294F**.

Distribution



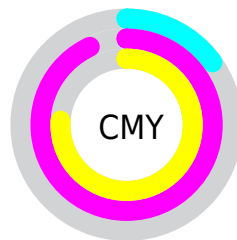
- Red (85%)
- Green (7%)
- Blue (24%)



- Red (85%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (71%)
- Black (15%)



- Cyan (15%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9133E 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 D9133E by changing the saturation by 10% instead.

 D9133E

 D9133E

FFFFFF

 B90028

 FF5E6D

 990015

 FF7C87

 7A0000

 FF99A1

 5B0002

 FFB7BC

 3D0003

 FFD4D8

 180001

 FFF2F4

 000000

 D9133E

 D9133E

 D9002F

 D9294F

 D93E60

 D95471

 D96A82

 D97F93

 D995A4

 D9ABB5

 D9C1C6

 D9D6D7

Harmonies

Analogous

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



D6007E



D9133E



BF4800

Triad

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



D9133E



008314



007AF1

Complementary

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



D9133E



13D9AE

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.



0086D7



D9133E



00885F

Square

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



D9133E



537A00



0089A1



3D63E6

Rectangle

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



D9133E



A25E00



0089A1



007FEC

Sweetspot

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



D9133E



FFBAC9



AB13D9



805760



000000



808080

Same Dimension

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



D9133E



FF0037



D94813



6E6365



AD0026



2E000A

Inverse Universe

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



D9133E



FF0037



13A4D9



6E6365



AD0026



2E000A

Previews

White Background



This preview shows how the Hex color D9133E looks on a white background.

Color Contrast Check

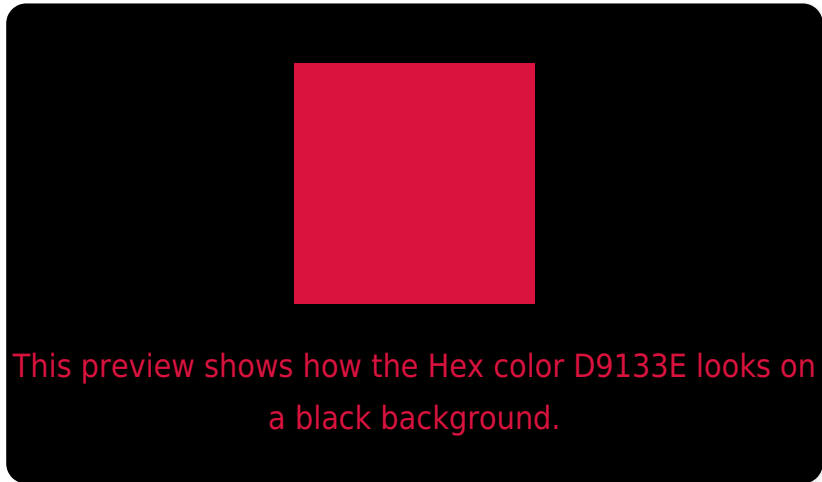
Large Text (above 18pt) WCAG AA ✓ Pass

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 D9133E Background



This preview shows how black text looks on a background with the Hex color D9133E.



This preview shows how white text looks on a background with the Hex color D9133E.

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
D9133E

Protanopia
766F5B

Deuteranopia
896A33



Tritanopia
D81E1A

Trichromacy



Original Color
D9133E

Protanomaly
9A4E50

Deuteranomaly
A64A37

Tritanomaly
D81A27

Monochromacy



Original Color
D9133E

Achromatopsia
535353

Achromatomaly
843C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex D9133E 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 #D9133E looks like.

```
.text, #text, p{  
    color:#D9133E  
}
```

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 #D9133E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9133E
}
```

Border

The CSS property to change the border of an element to Hex D9133E 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
#D9133E }
```

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

```
.border{ border-color:#D9133E }
```

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

Here you see how a box with a 4 pixel #D9133E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9133E; -webkit-box-shadow:4px 4px  
4px 4px #D9133E; box-shadow:4px 4px 4px  
4px #D9133E }
```

Background

The CSS property to change the background color of an element to Hex D9133E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9133E }
```

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

```
.background{ background-color:#D9133E }
```

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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