

Converting Colors

Hex(DE133E)

Have a look what the booklet for
Hex(DE133E) contains.

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Color

Hex(DE133E)

Conversions

Conversions Part 1

Format	Color
Hex	DE133E
RGB	222, 19, 62
RGB Percent	87%, 7%, 24%
CMY	0.1294, 0.9255, 0.7569
CMYK	0.00, 0.91, 0.72, 0.13
HSL	347°, 84%, 47%
HSV	347°, 91%, 87%
XYZ	31.2266, 16.3431, 6.0661
YIQ	84.5990, 107.1850, 56.4090

Conversions

Conversions Part 2

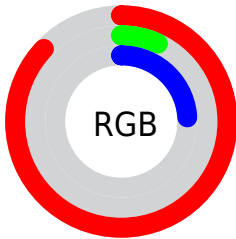
Format	Color
R_{YB}	222, 19, 62
Decimal	14553918
CIE Lab	47.42, 71.64, 32.96
CIE LCh	47, 78.861, 24.706
Yxy	16.3431, 0.5822, 0.3047
Android (android.graphics.Color)	4292743998 (0xFFDE133E)
YUV	84.5990, -11.1413, 120.5007
Hunter-Lab	40.4267, 67.1313, 19.4020

Details

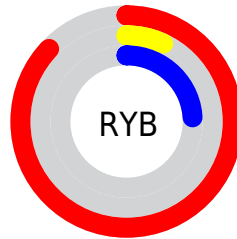
The Hex color **DE133E** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **13DEB3**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5F6D**, and **9E0014** is the 20% darker color. If you saturate the color by 10%, you get **DE002F**, and if you desaturate by 10%, it is **DE294F**.

Distribution



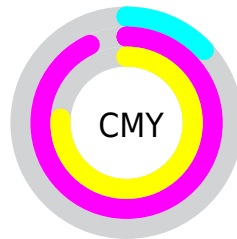
- Red (87%)
- Green (7%)
- Blue (24%)



- 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 DE133E 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 DE133E by changing the saturation by 10% instead.

 DE133E

 DE133E

FFFFFF

 BE0028

 FF5F6D

 9E0014

 FF7D87

 7F0000

 FF9BA1

 5F0002

 FFB8BC

 410003

 FFD6D8

 1F0001

 FFF4F4

 000000

 DE133E

 DE133E

 DE002F

 DE294F

 DE3F61

 DE5672

 DE6C84

 DE8295

 DE98A7

 DEAE88

 DEC5CA

 DEDBDB

Harmonies

Analogous

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



DC007F



DE133E



C24A00

Triad

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



DE133E



008716



007DF7

Complementary

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



DE133E



13DEB3

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.



0089DD



DE133E



008B62

Square

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



DE133E



547D00



008CA7



4264EB

Rectangle

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



DE133E



A56100



008CA7



0082F2

Sweetspot

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



DE133E



FFBAC9



B213DE



80575F



000000



808080

Same Dimension

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



DE133E



FF0036



DE4D13



706567



B00025



30000A

Inverse Universe

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



DE133E



FF0036



13A4DE



706567



B00025



30000A

Previews

White Background



This preview shows how the Hex color DE133E looks on a white background.

Color Contrast Check

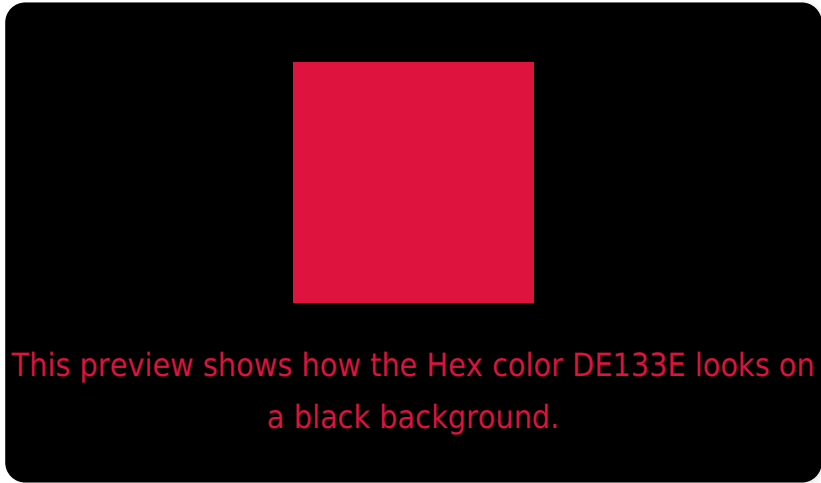
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE133E Background



This preview shows how black text looks on a background with the Hex color DE133E.

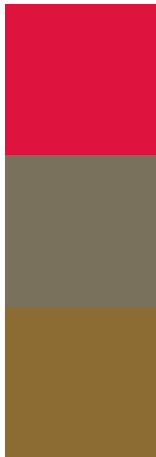


This preview shows how white text looks on a background with the Hex color DE133E.

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
DE133E

Protanopia
79715B

Deuteranopia
8D6C33



Trichromacy



Original Color
DE133E

Protanomaly
9E4F50

Deuteranomaly
AA4C37

Tritanomaly
DD1A27

Monochromacy



Original Color
DE133E

Achromatopsia
555555

Achromatomaly
873D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex DE133E 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 #DE133E looks like.

```
.text, #text, p{  
    color:#DE133E  
}
```

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 #DE133E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE133E
}
```

Border

The CSS property to change the border of an element to Hex DE133E 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".

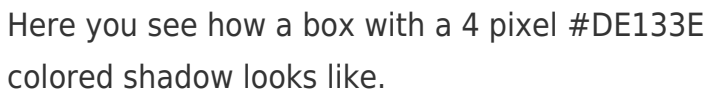
```
.border, #border, table{ border:4px solid
#DE133E }
```

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

```
.border{ border-color:#DE133E }
```

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

Here you see how a box with a 4 pixel #DE133E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE133E; -webkit-box-shadow:4px 4px  
4px 4px #DE133E; box-shadow:4px 4px 4px  
4px #DE133E }
```

Background

The CSS property to change the background color of an element to Hex DE133E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE133E }
```

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

```
.background{ background-color:#DE133E }
```

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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