

Converting Colors

Hex(DE3146)

Have a look what the booklet for
Hex(DE3146) contains.

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Color

Hex(DE3146)

Conversions

Conversions Part 1

Format	Color
Hex	DE3146
RGB	222, 49, 70
RGB Percent	87%, 19%, 27%
CMY	0.1294, 0.8078, 0.7255
CMYK	0.00, 0.78, 0.68, 0.13
HSL	353°, 72%, 53%
HSV	353°, 78%, 87%
XYZ	32.3280, 18.1684, 7.5973
YIQ	103.1210, 96.3670, 43.2070

Conversions

Conversions Part 2

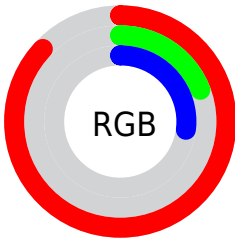
Format	Color
RYB	222, 49, 70
Decimal	14561606
CIELab	49.70, 65.83, 30.94
CIElCh	50, 72.739, 25.172
Yxy	18.1684, 0.5565, 0.3127
Android (android.graphics.Color)	4292751686 (0xFFDE3146)
YUV	103.1210, -16.3287, 104.2569
Hunter-Lab	42.6244, 60.7885, 19.2693

Details

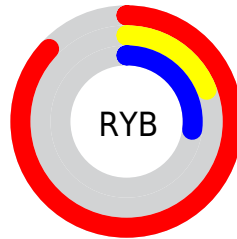
The Hex color **DE3146** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **31DEC9**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6F76**, and **9F001B** is the 20% darker color. If you saturate the color by 10%, you get **DE1B32**, and if you desaturate by 10%, it is **DE475A**.

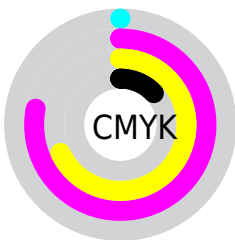
Distribution



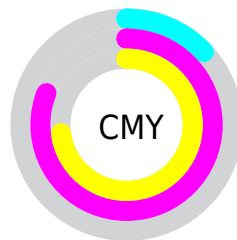
- Red (87%)
- Green (19%)
- Blue (27%)



- Red (87%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (78%)
- Yellow (68%)
- Black (13%)



- Cyan (13%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE3146 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 DE3146 by changing the saturation by 10% instead.

 DE3146

 DE3146

FFFFFF

 BE0030

 FF6F76

 9F001B

 FF8C90

 800003

 FFA9AA

 610000

 FFC6C6

 440003

 FFE3E2

 230001

FFFFFFE

 000000

 DE3146

 DE3146

 DE1B32

 DE475A

 DE051F

 DE5D6D

 DE001B

 DE7481

 DE8A94

 DEA0A8

 DEB6BB

 DECCCF

 DEE3E2

 DEF9F6

Harmonies

Analogous

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



DC2683



DE3146



C45400

Triad

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



DE3146



008C28



0081F3

Complementary

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



DE3146



31DEC9

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.



008DDC



DE3146



00906A

Square

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



DE3146



5D8200



0091A9



576AE7

Rectangle

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



DE3146



A86800



0091A9



0086EF

Sweetspot

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



DE3146



FFC4CB



C731DE



805C60



000000



808080

Same Dimension

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



DE3146



FF0F2C



DE7031



706566



B00015



300006

Inverse Universe

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



DE3146



FF0F2C



319FDE



706566



B00015



300006

Previews

White Background



This preview shows how the Hex color DE3146 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 ✓ 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 DE3146 Background



This preview shows how black text looks on a background with the Hex color DE3146.

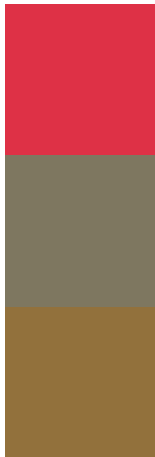


This preview shows how white text looks on a background with the Hex color DE3146.

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
DE3146

Protanopia
7E7760

Deuteranopia
92713C

Trichromacy



Original Color
DE3146

Protanomaly
A15E57

Deuteranomaly
AE5A40

Tritanomaly
DD333B

Monochromacy



Original Color
DE3146

Achromatopsia
676767

Achromatomaly
92535B

CSS Examples

Text

The CSS property to change the color of the text to Hex DE3146 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 #DE3146 looks like.

```
.text, #text, p{  
    color:#DE3146  
}
```

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 #DE3146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3146
}
```

Border

The CSS property to change the border of an element to Hex DE3146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

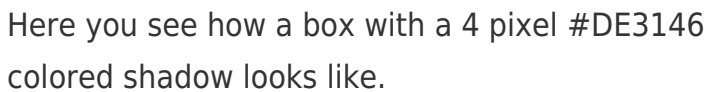
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE3146 }
```

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

```
.border{ border-color:#DE3146 }
```

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



Here you see how a box with a 4 pixel #DE3146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3146; -webkit-box-shadow:4px 4px  
4px 4px #DE3146; box-shadow:4px 4px 4px  
4px #DE3146 }
```

Background

The CSS property to change the background color of an element to Hex DE3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3146 }
```

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

```
.background{ background-color:#DE3146 }
```

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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