

Converting Colors

Hex(DE2632)

Have a look what the booklet for
Hex(DE2632) contains.

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Color

Hex(DE2632)

Conversions

Conversions Part 1

Format	Color
Hex	DE2632
RGB	222, 38, 50
RGB Percent	87%, 15%, 20%
CMY	0.1294, 0.8510, 0.8039
CMYK	0.00, 0.83, 0.77, 0.13
HSL	356°, 74%, 51%
HSV	356°, 83%, 87%
XYZ	31.3930, 17.1461, 4.6725
YIQ	94.3840, 105.8120, 42.7400

Conversions

Conversions Part 2

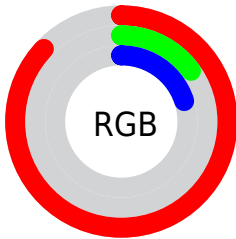
Format	Color
RYB	222, 38, 50
Decimal	14558770
CIELab	48.44, 67.85, 41.09
CIElCh	48, 79.320, 31.199
Yxy	17.1461, 0.5900, 0.3222
Android (android.graphics.Color)	4292748850 (0xFFDE2632)
YUV	94.3840, -21.8813, 111.9192
Hunter-Lab	41.4079, 62.8646, 22.2951

Details

The Hex color **DE2632** 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 **26DED2**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6761**, and **9E0006** is the 20% darker color. If you saturate the color by 10%, you get **DE101D**, and if you desaturate by 10%, it is **DE3C47**.

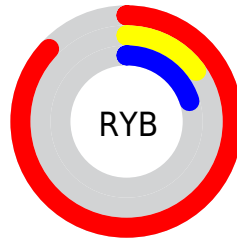
Distribution



Red (87%)

Green (15%)

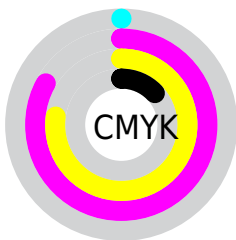
Blue (20%)



Red (87%)

Yellow (15%)

Blue (20%)

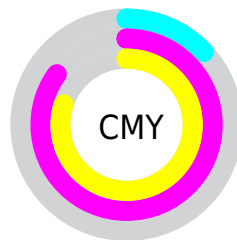


Cyan (0%)

Magenta (83%)

Yellow (77%)

Black (13%)



Cyan (13%)

Magenta (85%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE2632 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 DE2632 by changing the saturation by 10% instead.

 DE2632

 DE2632

FFFFFF

 BE001C

 FF6761

 9E0006

 FF857A

 7E0000

 FFA294

 5F0001

 FFBFAF

 420003

 FFDDCA

 200001

 FFFBE6

 000000

 DE2632

 DE2632

 DE101D

 DE3C47

 DE000E

 DE525C

 DE6970

 DE7F85

 DE959A

 DEABAF

 DEC1C3

 DED8D8

 DEEEED

Harmonies

Analogous

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



E30073



DE2632



BD5400

Triad

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



DE2632



008B2B



007CFB

Complementary

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



DE2632



26DED2

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.



008AE9



DE2632



008E74

Square

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



DE2632



448200



008FB7



6B5FE8

Rectangle

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



DE2632



9D6900



008FB7



0082FA

Sweetspot

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



DE2632



FFBFC3



D226DE



80595C



000000



808080

Same Dimension

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



DE2632



FF0313



DE7626



706566



B0000B



300003

Inverse Universe

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



DE2632



FF0313



268EDE



706566



B0000B



300003

Previews

White Background



This preview shows how the Hex color DE2632 looks on a white background.

Color Contrast Check

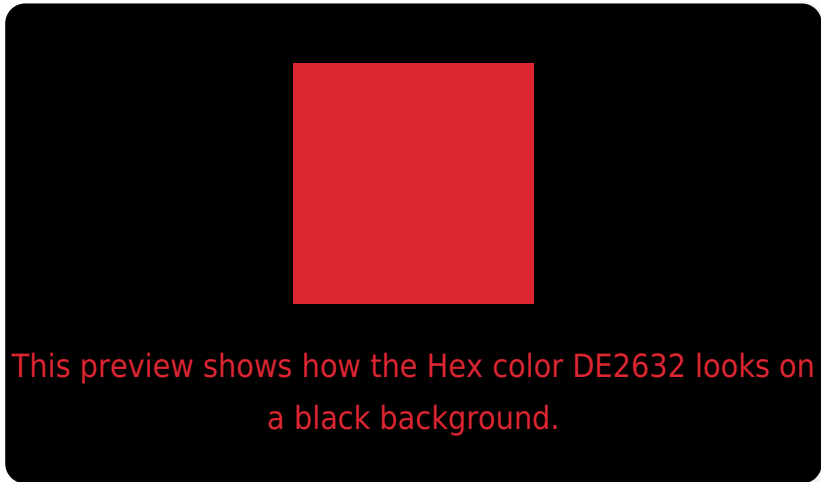
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE2632 Background



This preview shows how black text looks on a background with the Hex color DE2632.



This preview shows how white text looks on a background with the Hex color DE2632.

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
DE2632

Protanopia
7E7449

Deuteranopia
916E25

Trichromacy



Original Color
DE2632

Protanomaly
A15841

Deuteranomaly
AD542A

Tritanomaly
DE272B

Monochromacy



Original Color
DE2632

Achromatopsia
5E5E5E

Achromatomaly
8D4A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex DE2632 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 #DE2632 looks like.

```
.text, #text, p{  
    color:#DE2632  
}
```

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 #DE2632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE2632
}
```

Border

The CSS property to change the border of an element to Hex DE2632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

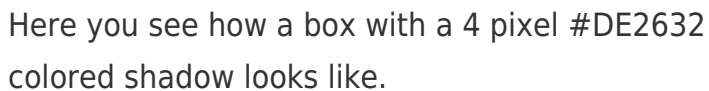
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DE2632 }
```

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

```
.border{ border-color:#DE2632 }
```

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



Here you see how a box with a 4 pixel #DE2632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE2632; -webkit-box-shadow:4px 4px  
4px 4px #DE2632; box-shadow:4px 4px 4px  
4px #DE2632 }
```

Background

The CSS property to change the background color of an element to Hex DE2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE2632 }
```

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

```
.background{ background-color:#DE2632 }
```

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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