

Converting Colors

Hex(D33B5E)

Have a look what the booklet for
Hex(D33B5E) contains.

Hex(D33B5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D33B5E)

Conversions

Conversions Part 1

Format	Color
Hex	D33B5E
RGB	211, 59, 94
RGB Percent	83%, 23%, 37%
CMY	0.1725, 0.7686, 0.6314
CMYK	0.00, 0.72, 0.55, 0.17
HSL	346°, 63%, 53%
HSV	346°, 72%, 83%
XYZ	30.4483, 17.7850, 12.4177
YIQ	108.4380, 79.3570, 43.1090

Conversions

Conversions Part 2

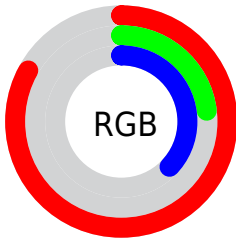
Format	Color
RYB	211, 59, 94
Decimal	13843294
CIELab	49.23, 60.94, 15.48
CIElCh	49, 62.874, 14.256
Yxy	17.7850, 0.5020, 0.2932
Android (android.graphics.Color)	4292033374 (0xFFD33B5E)
YUV	108.4380, -7.1179, 89.9469
Hunter-Lab	42.1722, 55.0755, 12.0625

Details

The Hex color **D33B5E** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3BD3B0**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7590**, and **960031** is the 20% darker color. If you saturate the color by 10%, you get **D3264E**, and if you desaturate by 10%, it is **D3506E**.

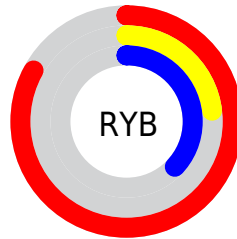
Distribution



Red (83%)

Green (23%)

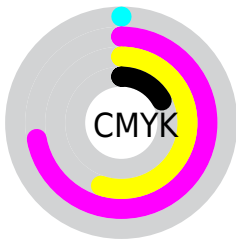
Blue (37%)



Red (83%)

Yellow (23%)

Blue (37%)

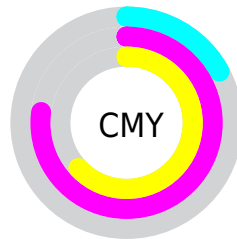


Cyan (0%)

Magenta (72%)

Yellow (55%)

Black (17%)



Cyan (17%)

Magenta (77%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color D33B5E 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 D33B5E by changing the saturation by 10% instead.

 D33B5E

 D33B5E

FFFFFF

 B41747

 FF7590

 960031

 FF91AB

 78001C

 FFAEC6

 5B0001

 FFCBE2

 3F0003

 FFE8FE

 1C0001

 000000

 D33B5E

 D33B5E

 D3264E

 D3506E

 D3113E

 D3657E

 D30031

 D37A8F

 D38F9F

 D3A5AF

 D3BABF

 D3CFD0

 D3E4E0

 D3F9F0

Harmonies

Analogous

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



C64093



D33B5E



C5502C

Triad

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



D33B5E



35861F



0083DC

Complementary

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



D33B5E



3BD3B0

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.



008BBF



D33B5E



008B56

Square

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



D33B5E



757A00



008D8E



2273DD

Rectangle

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



D33B5E



B16104



008D8E



0087D5

Sweetspot

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



D33B5E



FFC7D4



B03BD3



805E66



000000



808080

Same Dimension

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



D33B5E



FF2456



D3643B



695E61



A80027



290009

Inverse Universe

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



D33B5E



FF2456



3BAAD3



695E61



A80027



290009

Previews

White Background



This preview shows how the Hex color D33B5E looks on a white background.

Color Contrast Check

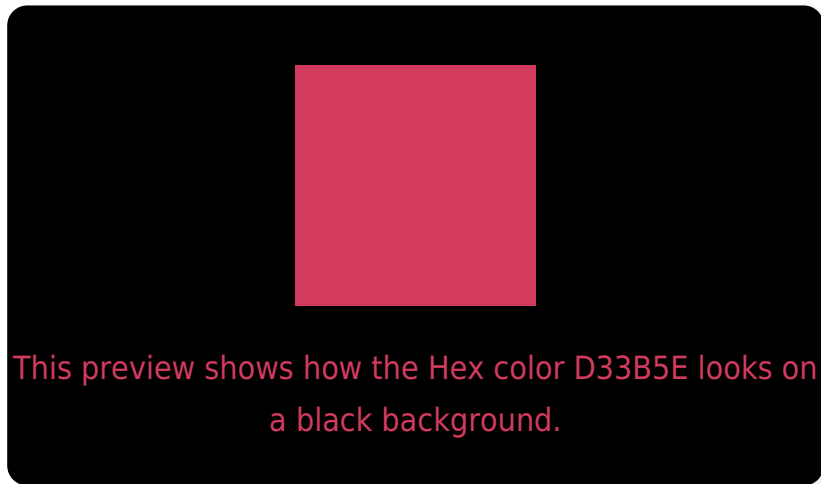
Large Text (above 18pt) WCAG AA ✓ Pass

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 D33B5E Background



This preview shows how black text looks on a background with the Hex color D33B5E.

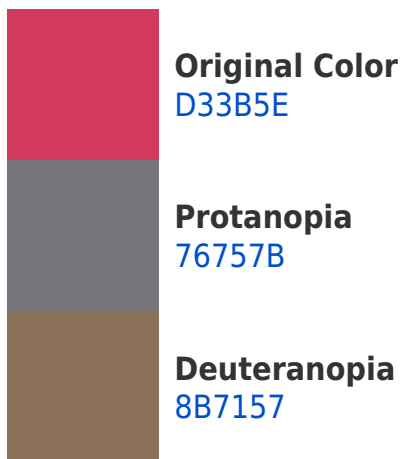


This preview shows how white text looks on a background with the Hex color D33B5E.

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](#).

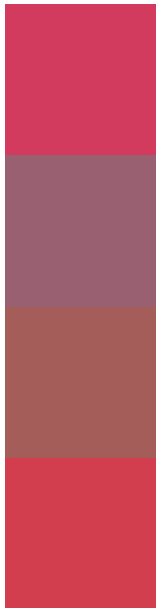
Dichromacy





Tritanopia
D24044

Trichromacy



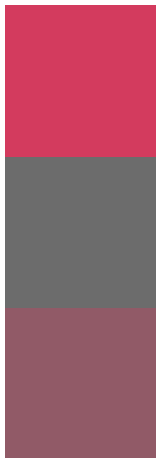
Original Color
D33B5E

Protanomaly
986070

Deuteranomaly
A55D5A

Tritanomaly
D23E4D

Monochromacy



Original Color
D33B5E

Achromatopsia
6C6C6C

Achromatomaly
915A67

CSS Examples

Text

The CSS property to change the color of the text to Hex D33B5E 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 #D33B5E looks like.

```
.text, #text, p{  
    color:#D33B5E  
}
```

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 #D33B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D33B5E
}
```

Border

The CSS property to change the border of an element to Hex D33B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

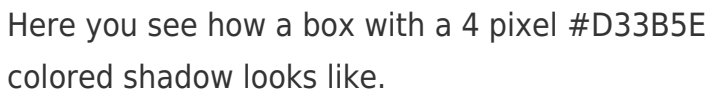
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D33B5E }
```

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

```
.border{ border-color:#D33B5E }
```

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



Here you see how a box with a 4 pixel `#D33B5E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D33B5E; -webkit-box-shadow:4px 4px  
4px 4px #D33B5E; box-shadow:4px 4px 4px  
4px #D33B5E }
```

Background

The CSS property to change the background color of an element to Hex D33B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D33B5E }
```

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

```
.background{ background-color:#D33B5E }
```

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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