

Converting Colors

Hex(D83B55)

Have a look what the booklet for
Hex(D83B55) contains.

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Color

Hex(D83B55)

Conversions

Conversions Part 1

Format	Color
Hex	D83B55
RGB	216, 59, 85
RGB Percent	85%, 23%, 33%
CMY	0.1529, 0.7686, 0.6667
CMYK	0.00, 0.73, 0.61, 0.15
HSL	350°, 67%, 54%
HSV	350°, 73%, 85%
XYZ	31.5226, 18.3827, 10.4811
YIQ	108.9070, 85.2260, 41.3700

Conversions

Conversions Part 2

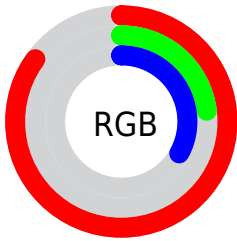
Format	Color
R_{YB}	216, 59, 85
Decimal	14170965
CIE _{Lab}	49.96, 61.80, 22.06
CIE _{LCh}	50, 65.618, 19.644
Yxy	18.3827, 0.5220, 0.3044
Android (android.graphics.Color)	4292361045 (0xFFD83B55)
YUV	108.9070, -11.7862, 93.9206
Hunter-Lab	42.8751, 56.2051, 15.5187

Details

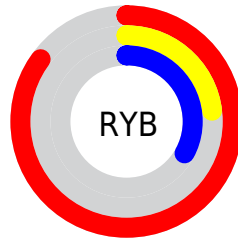
The Hex color **D83B55** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3BD8BE**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7586**, and **9A0028** is the 20% darker color. If you saturate the color by 10%, you get **D82543**, and if you desaturate by 10%, it is **D85167**.

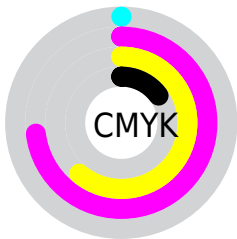
Distribution



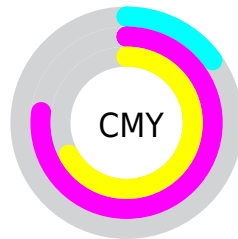
- Red (85%)
- Green (23%)
- Blue (33%)



- Red (85%)
- Yellow (23%)
- Blue (33%)



- Cyan (0%)
- Magenta (73%)
- Yellow (61%)
- Black (15%)



- Cyan (15%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D83B55 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 D83B55 by changing the saturation by 10% instead.

 D83B55

 D83B55

FFFFFF

 B9163E

 FF7586

 9A0028

 FF92A1

 7C0015

 FFAEBB

 5E0000

 FFCBD7

 420003

 FFE9F4

 200001

 000000

 D83B55

 D83B55

 D82543

 D85167

 D81031

 D86679

 D80024

 D87C8B

 D8919D

 D8A7AF

 D8BDC1

 D8D2D3

 D8E8E5

 D8FDF7

Harmonies

Analogous

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



D03B8D



D83B55



C55420

Triad

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



D83B55



198927



0083E5

Complementary

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



D83B55



3BD8BE

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.



008DCB



D83B55



008F61

Square

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



D83B55



6D7F00



00909B



4570E1

Rectangle

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



D83B55



AE6600



00909B



0087E0

Sweetspot

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



D83B55



FFC7D0



BE3BD8



805E64



000000



808080

Same Dimension

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



D83B55



FF2146



D86F3B



6B6062



AB001C



2B0007

Inverse Universe

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



D83B55



FF2146



3BA4D8



6B6062



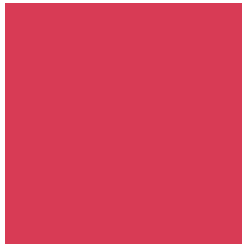
AB001C



2B0007

Previews

White Background



This preview shows how the Hex color D83B55 looks on a white background.

Color Contrast Check

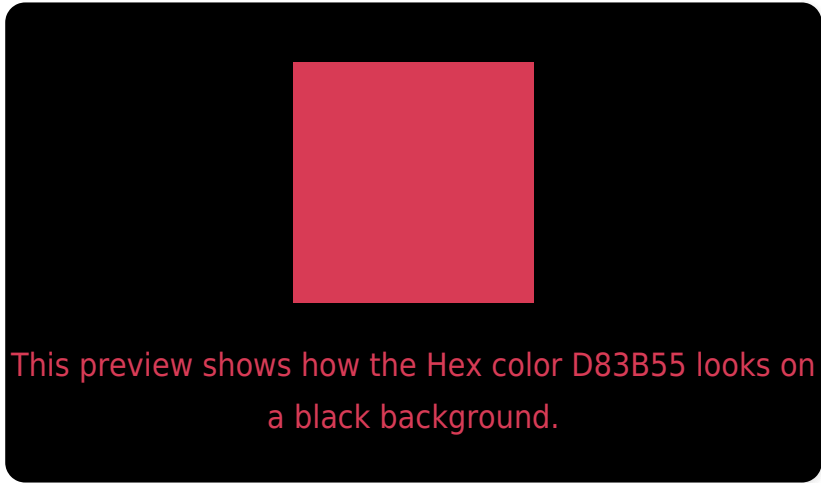
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 D83B55 Background



This preview shows how black text looks on a background with the Hex color D83B55.



This preview shows how white text looks on a background with the Hex color D83B55.

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
D83B55

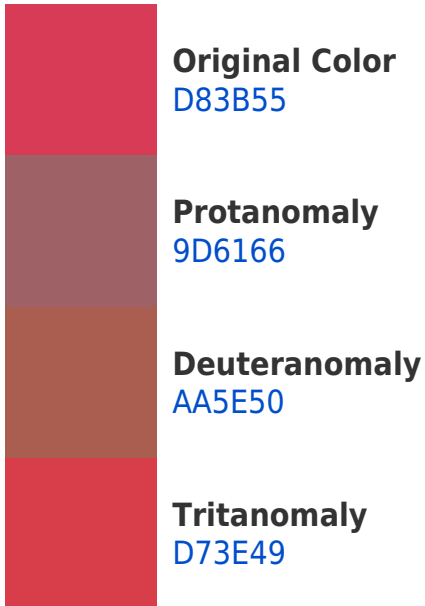
Protanopia
7B7770

Deuteranopia
90724D

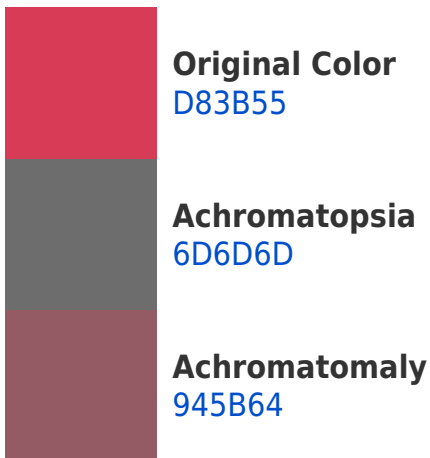


Tritanopia
D73F42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D83B55 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 #D83B55 looks like.

```
.text, #text, p{  
    color:#D83B55  
}
```

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 #D83B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D83B55
}
```

Border

The CSS property to change the border of an element to Hex D83B55 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".

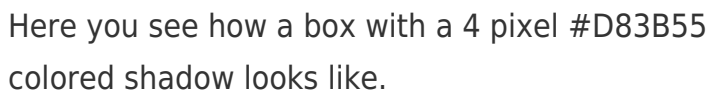
```
.border, #border, table{ border:4px solid
#D83B55 }
```

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

```
.border{ border-color:#D83B55 }
```

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

Here you see how a box with a 4 pixel #D83B55 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D83B55; -webkit-box-shadow:4px 4px  
4px 4px #D83B55; box-shadow:4px 4px 4px  
4px #D83B55 }
```

Background

The CSS property to change the background color of an element to Hex D83B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D83B55 }
```

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

```
.background{ background-color:#D83B55 }
```

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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