

Converting Colors

Hex(D23350)

Have a look what the booklet for
Hex(D23350) contains.

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Color

Hex(D23350)

Conversions

Conversions Part 1

Format	Color
Hex	D23350
RGB	210, 51, 80
RGB Percent	82%, 20%, 31%
CMY	0.1765, 0.8000, 0.6863
CMYK	0.00, 0.76, 0.62, 0.18
HSL	349°, 64%, 51%
HSV	349°, 76%, 82%
XYZ	29.2101, 16.6485, 9.2633
YIQ	101.8470, 85.4550, 42.7270

Conversions

Conversions Part 2

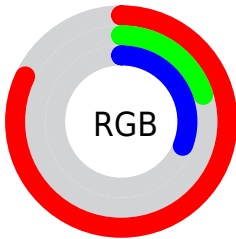
Format	Color
RYB	210, 51, 80
Decimal	13775696
CIELab	47.81, 62.36, 22.06
CIELCh	48, 66.145, 19.483
Yxy	16.6485, 0.5299, 0.3020
Android (android.graphics.Color)	4291965776 (0xFFD23350)
YUV	101.8470, -10.7706, 94.8502
Hunter-Lab	40.8025, 56.3819, 15.1013

Details

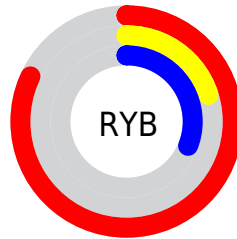
The Hex color **D23350** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **33D2B5**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6F81**, and **940024** is the 20% darker color. If you saturate the color by 10%, you get **D21E3F**, and if you desaturate by 10%, it is **D24861**.

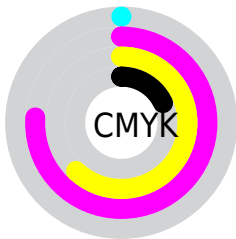
Distribution



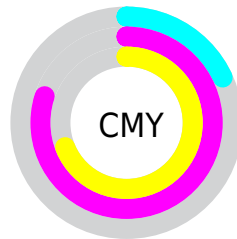
- Red (82%)
- Green (20%)
- Blue (31%)



- Red (82%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (62%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color D23350 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 D23350 by changing the saturation by 10% instead.

 D23350

 D23350

FFFFFF

 B30539

 FF6F81

 940024

 FF8B9B

 760010

 FFA8B6

 580000

 FFC5D1

 3C0003

 FFE2ED

 160000

 000000

 D23350

 D23350

 D21E3F

 D24861

 D2092E

 D25D72

 D20026

 D27284

 D28795

 D29CA6

 D2B1B7

 D2C6C8

 D2DBD9

 D2F0EB

Harmonies

Analogous

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



CA3388



D23350



BF4E1A

Triad

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



D23350



0B8420



007EE0

Complementary

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



D23350



33D2B5

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.



0087C6



D23350



00895B

Square

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



D23350



677A00



008A95



3A6BDC

Rectangle

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



D23350



A86000



008A95



0082DA

Sweetspot

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



D23350



FFC4CF



B533D2



805C62



000000



808080

Same Dimension

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



D23350



FF1741



D26533



695E60



A8001F



290007

Inverse Universe

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



D23350



FF1741



33A0D2



695E60



A8001F



290007

Previews

White Background



This preview shows how the Hex color D23350 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 D23350 Background



This preview shows how black text looks on a background with the Hex color D23350.

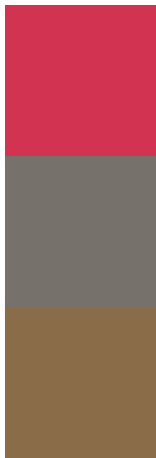


This preview shows how white text looks on a background with the Hex color D23350.

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
D23350

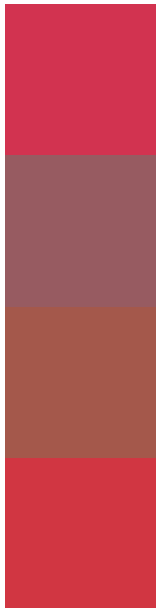
Protanopia
76726B

Deuteranopia
8A6D48



Tritanopia
D1383A

Trichromacy



Original Color
D23350

Protanomaly
975B61

Deuteranomaly
A4584B

Tritanomaly
D13642

Monochromacy



Original Color
D23350

Achromatopsia
666666

Achromatomaly
8D535E

CSS Examples

Text

The CSS property to change the color of the text to Hex D23350 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 #D23350 looks like.

```
.text, #text, p{  
    color:#D23350  
}
```

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 #D23350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D23350
}
```

Border

The CSS property to change the border of an element to Hex D23350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

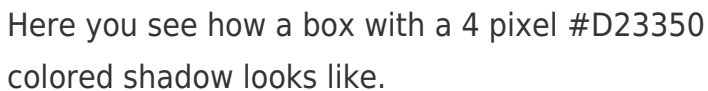
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D23350 }
```

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

```
.border{ border-color:#D23350 }
```

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



Here you see how a box with a 4 pixel #D23350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D23350; -webkit-box-shadow:4px 4px  
4px 4px #D23350; box-shadow:4px 4px 4px  
4px #D23350 }
```

Background

The CSS property to change the background color of an element to Hex D23350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D23350 }
```

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

```
.background{ background-color:#D23350 }
```

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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