

# Converting Colors

Hex(D23441)

Have a look what the booklet for  
Hex(D23441) contains.

<b>Hex(D23441)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(D23441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D23441
RGB	210, 52, 65
RGB Percent	82%, 20%, 25%
CMY	0.1765, 0.7961, 0.7451
CMYK	0.00, 0.75, 0.69, 0.18
HSL	355°, 64%, 51%
HSV	355°, 75%, 82%
XYZ	28.7605, 16.5393, 6.6776
YIQ	100.7240, 89.9950, 37.5390

# Conversions

## Conversions Part 2

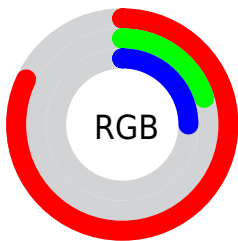
Format	Color
<a href="#">RYB</a>	<a href="#">210, 52, 65</a>
Decimal	<a href="#">13775937</a>
CIELab	<a href="#">47.67, 61.22, 30.91</a>
CIELCh	<a href="#">48, 68.582, 26.791</a>
Yxy	<a href="#">16.5393, 0.5533, 0.3182</a>
Android (android.graphics.Color)	<a href="#">4291966017</a> ( <a href="#">0xFFD23441</a> )
YUV	<a href="#">100.7240, -17.6119, 95.8351</a>
Hunter-Lab	<a href="#">40.6685, 55.0640, 18.7328</a>

# Details

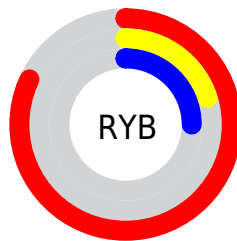
The Hex color **D23441** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34D2C5**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF6F71**, and **940016** is the 20% darker color. If you saturate the color by 10%, you get **D21F2E**, and if you desaturate by 10%, it is **D24954**.

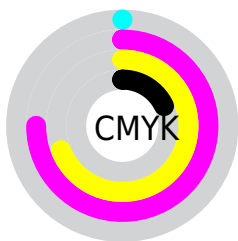
# Distribution



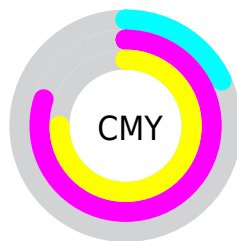
- Red (82%)
- Green (20%)
- Blue (25%)



- Red (82%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (75%)
- Yellow (69%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D23441 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 D23441 by changing the saturation by 10% instead.



 D23441

 D23441

FFFFFF

 B3092B

 FF6F71

 940016

 FF8B8A

 750000

 FFA8A5

 560000

 FFC5C0

 3A0002

 FFE2DC

 130000

 FFFFF8

 000000

 D23441

 D23441

 D21F2E

 D24954

 D20A1A

 D25E68

 D20011

 D2737B

 D2888E

 D29DA1

 D2B2B5

 D2C7C8

 D2DCDB

 D2F1EE

# Harmonies

## Analogous

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



D1287A



D23441



B95300

# Triad

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



D23441



00862C



007AE6

# Complementary

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



D23441



34D2C5

# 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.



0086D2



D23441



008A69

# Square

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



D23441



567D00



008AA4



5C64DA

# Rectangle

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



D23441



9E6500



008AA4



007FE3



# Sweetspot

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



D23441



FFC4C9



C534D2



805C5F



000000



808080



# Same Dimension

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



D23441



FF192C



D27634



695E5F



A8000E



290003



# Inverse Universe

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



D23441



FF192C



3490D2



695E5F



A8000E



290003



# Previews

## White Background



This preview shows how the Hex color D23441 looks on a white background.

## Color Contrast Check

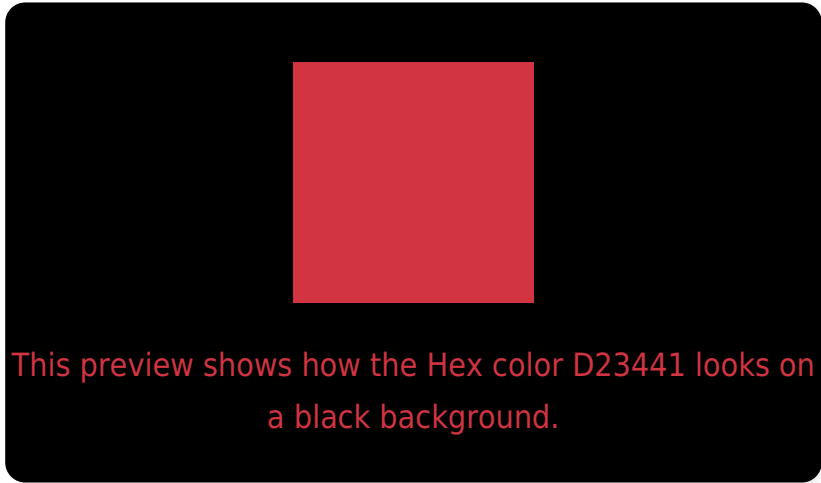
Large Text (above 18pt) WCAG AA ✓ Pass

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 D23441 Background



This preview shows how black text looks on a background with the Hex color D23441.



This preview shows how white text looks on a background with the Hex color D23441.

# 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



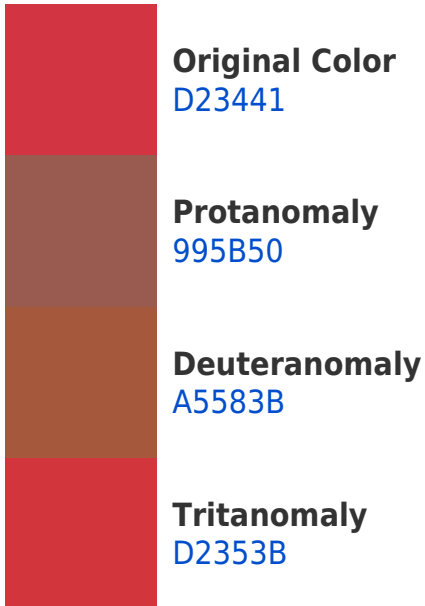
**Original Color**  
D23441

**Protanopia**  
797258

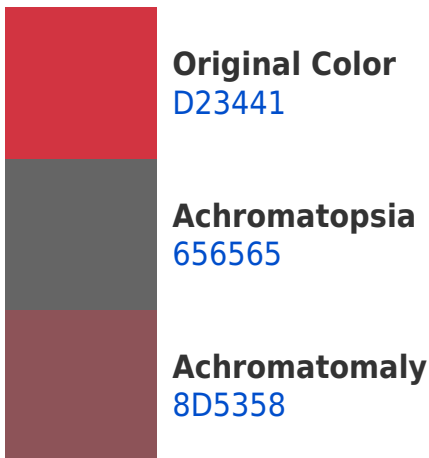
**Deuteranopia**  
8C6C38



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D23441 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 #D23441 looks like.

```
.text, #text, p{  
    color:#D23441  
}
```

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 #D23441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D23441
}
```

## Border

The CSS property to change the border of an element to Hex D23441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

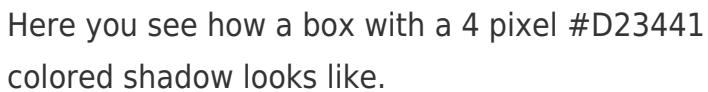
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D23441 }
```

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

```
.border{ border-color:#D23441 }
```

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



Here you see how a box with a 4 pixel #D23441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D23441; -webkit-box-shadow:4px 4px  
4px 4px #D23441; box-shadow:4px 4px 4px  
4px #D23441 }
```

# Background

The CSS property to change the background color of an element to Hex D23441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D23441 }
```

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

```
.background{ background-color:#D23441 }
```

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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