

# Converting Colors

Hex(D2375B)

Have a look what the booklet for  
Hex(D2375B) contains.

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# Color

Hex(D2375B)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D2375B                     |
| RGB         | 210, 55, 91                |
| RGB Percent | 82%, 22%, 36%              |
| CMY         | 0.1765, 0.7843, 0.6431     |
| CMYK        | 0.00, 0.74, 0.57, 0.18     |
| HSL         | 346°, 63%, 52%             |
| HSV         | 346°, 74%, 82%             |
| XYZ         | 29.8329, 17.1893, 11.6430  |
| YIQ         | 105.4490, 80.8240, 44.0560 |

# Conversions

## Conversions Part 2

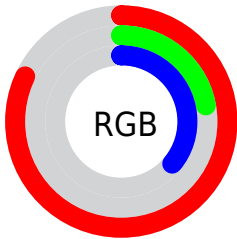
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">210, 55, 91</a>                    |
| Decimal                             | <a href="#">13776731</a>                       |
| CIELab                              | <a href="#">48.50, 61.79, 16.27</a>            |
| CIElCh                              | <a href="#">48, 63.899, 14.755</a>             |
| Yxy                                 | <a href="#">17.1893, 0.5085,<br/>0.2930</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4291966811<br/>(0xFFD2375B)</a>    |
| YUV                                 | <a href="#">105.4490, -7.1234,<br/>91.6912</a> |
| Hunter-Lab                          | <a href="#">41.4600, 55.8859,<br/>12.3719</a>  |

# Details

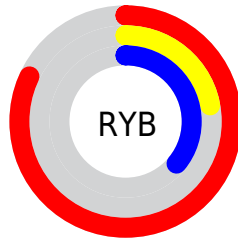
The Hex color **D2375B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **37D2AE**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF728D**, and **95002E** is the 20% darker color. If you saturate the color by 10%, you get **D2224B**, and if you desaturate by 10%, it is **D24C6B**.

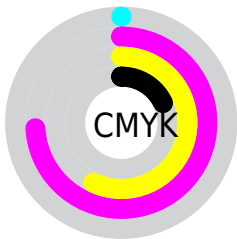
# Distribution



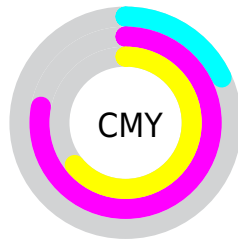
- Red (82%)
- Green (22%)
- Blue (36%)



- Red (82%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (74%)
- Yellow (57%)
- Black (18%)



- Cyan (18%)
- Magenta (78%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2375B 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 D2375B by changing the saturation by 10% instead.



 D2375B

 D2375B

FFFFFF

 B30F44

 FF728D

 95002E

 FF8EA7

 77001A

 FFABC2

 5A0000

 FFC8DE

 3D0003

 FFE5FB

 190001

 000000

 D2375B

 D2375B

 D2224B

 D24C6B

 D20D3B

 D2617B

 D20031

 D2768B

 D28B9B

 D2A0AC

 D2B5BC

 D2CACC

 D2DFDC

 D2F4EC

# Harmonies

## Analogous

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



C53C91



D2375B



C44D28

# Triad

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



D2375B



2F841C



0081DC

# Complementary

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



D2375B



37D2AE

# 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.



0089BF



D2375B



008A55

# Square

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



D2375B



727900



008B8D



1D71DD

# Rectangle

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



D2375B



AF5F00



008B8D



0085D5



# Sweetspot

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



D2375B



FFC7D4



AE37D2



805E66



000000



808080



# Same Dimension

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



D2375B



FF1C51



D26037



695E61



A80027



290009



# Inverse Universe

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



D2375B



FF1C51



37A9D2



695E61



A80027

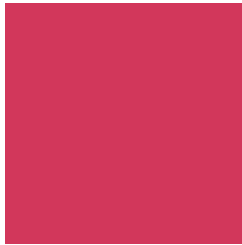


290009



# Previews

## White Background



This preview shows how the Hex color D2375B 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 D2375B Background



This preview shows how black text looks on a background with the Hex color D2375B.



This preview shows how white text looks on a background with the Hex color D2375B.

# 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**  
D2375B

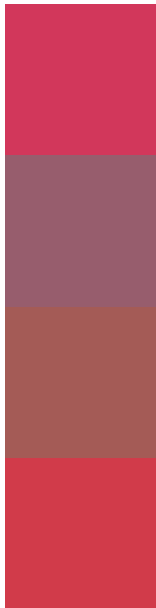
**Protanopia**  
757378

**Deuteranopia**  
896F53



**Tritanopia**  
D13D40

# Trichromacy



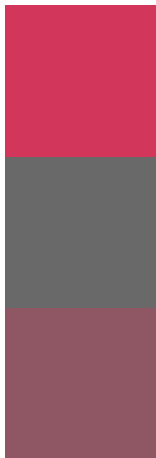
**Original Color**  
D2375B

**Protanomaly**  
975D6D

**Deuteranomaly**  
A45B56

**Tritanomaly**  
D13B4A

# Monochromacy



**Original Color**  
D2375B

**Achromatopsia**  
696969

**Achromatomaly**  
8F5764

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2375B 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 #D2375B looks like.

```
.text, #text, p{  
    color:#D2375B  
}
```

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 #D2375B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2375B
}
```

## Border

The CSS property to change the border of an element to Hex D2375B is called "border". The border property can be set on classes, ids or directly on the HTML element.

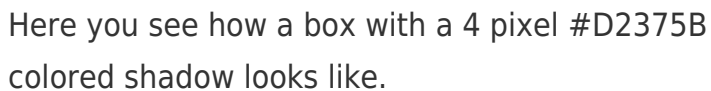
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D2375B }
```

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

```
.border{ border-color:#D2375B }
```

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



Here you see how a box with a 4 pixel #D2375B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2375B; -webkit-box-shadow:4px 4px  
4px 4px #D2375B; box-shadow:4px 4px 4px  
4px #D2375B }
```

# Background

The CSS property to change the background color of an element to Hex D2375B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2375B }
```

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

```
.background{ background-color:#D2375B }
```

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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