

# Converting Colors

Hex(D92353)

Have a look what the booklet for  
Hex(D92353) contains.

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# Color

**Hex(D92353)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D92353
RGB	217, 35, 83
RGB Percent	85%, 14%, 33%
CMY	0.1490, 0.8627, 0.6745
CMYK	0.00, 0.84, 0.62, 0.15
HSL	344°, 72%, 49%
HSV	344°, 84%, 85%
XYZ	30.7776, 16.5783, 9.7614
YIQ	94.8900, 93.0640, 53.5120

# Conversions

## Conversions Part 2

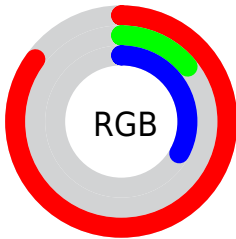
Format	Color
<a href="#">RYB</a>	<a href="#">217, 35, 83</a>
Decimal	<a href="#">14230355</a>
CIELab	<a href="#">47.72, 68.68, 20.36</a>
CIElCh	<a href="#">48, 71.629, 16.512</a>
Yxy	<a href="#">16.5783, 0.5388, 0.2903</a>
Android (android.graphics.Color)	<a href="#">4292420435</a> ( <a href="#">0xFFD92353</a> )
YUV	<a href="#">94.8900, -5.8618, 107.0905</a>
Hunter-Lab	<a href="#">40.7165, 63.6746, 14.2873</a>

# Details

The Hex color **D92353** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **23D9A9**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6684**, and **9A0027** is the 20% darker color. If you saturate the color by 10%, you get **D90D43**, and if you desaturate by 10%, it is **D93963**.

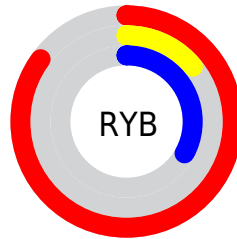
# Distribution



Red (85%)

Green (14%)

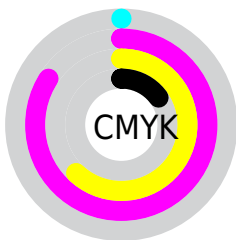
Blue (33%)



Red (85%)

Yellow (14%)

Blue (33%)

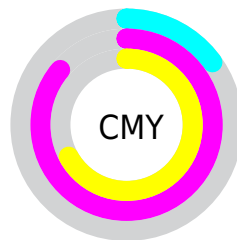


Cyan (0%)

Magenta (84%)

Yellow (62%)

Black (15%)



Cyan (15%)

Magenta (86%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D92353 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 D92353 by changing the saturation by 10% instead.



 D92353

 D92353

FFFFFF

 BA003C

 FF6684

 9A0027

 FF839E

 7C0013

 FFA0B9

 5D0001

 FFBED5

 400003

 FFDBF1

 1D0001

 FFF9FF

 000000

 D92353

 D92353

 D90D43

 D93963

 D90039

 D94E73

 D96483

 D97A93

 D990A3

 D9A5B3

 D9BBC3

 D9D1D3

 D9E6E3

# Harmonies

## Analogous

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



CD288F



D92353



C74617

# Triad

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



D92353



078409



0080E8

# Complementary

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



D92353



23D9A9

# 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.



0089C8



D92353



008953

# Square

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



D92353



6B7900



008B92



006DE7

# Rectangle

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



D92353



AF5C00



008B92



0084E1



# Sweetspot

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



D92353



FFBFD0



A823D9



805963



000000



808080



# Same Dimension

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



D92353



FF0043



D94D23



6E6366



AD002E



2E000C



# Inverse Universe

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



D92353



FF0043



23AFD9



6E6366



AD002E



2E000C



# Previews

## White Background



This preview shows how the Hex color D92353 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 D92353 Background



This preview shows how black text looks on a background with the Hex color D92353.

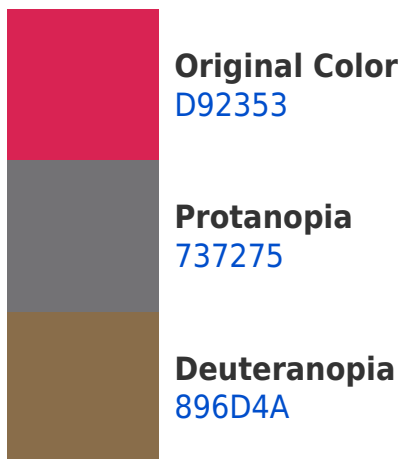


This preview shows how white text looks on a background with the Hex color D92353.

# Color Blindness Simulation

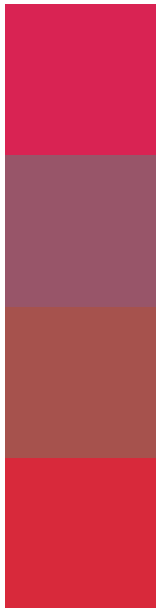
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



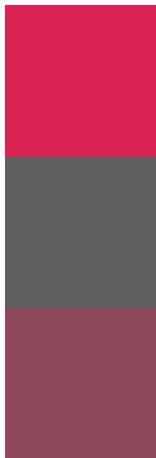
**Original Color**  
D92353

**Protanomaly**  
985569

**Deuteranomaly**  
A6524D

**Tritanomaly**  
D8293B

# Monochromacy



**Original Color**  
D92353

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
8B495B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D92353 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 #D92353 looks like.

```
.text, #text, p{  
    color:#D92353  
}
```

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 #D92353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D92353
}
```

## Border

The CSS property to change the border of an element to Hex D92353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

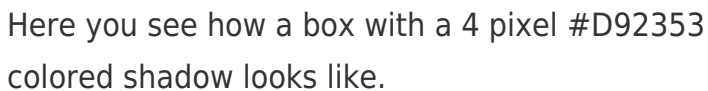
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D92353 }
```

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

```
.border{ border-color:#D92353 }
```

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



Here you see how a box with a 4 pixel `#D92353` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D92353; -webkit-box-shadow:4px 4px  
4px 4px #D92353; box-shadow:4px 4px 4px  
4px #D92353 }
```

# Background

The CSS property to change the background color of an element to Hex D92353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D92353 }
```

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

```
.background{ background-color:#D92353 }
```

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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