

# Converting Colors

Hex(D42B5F)

Have a look what the booklet for  
Hex(D42B5F) contains.

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# Color

**Hex(D42B5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D42B5F
RGB	212, 43, 95
RGB Percent	83%, 17%, 37%
CMY	0.1686, 0.8314, 0.6275
CMYK	0.00, 0.80, 0.55, 0.17
HSL	342°, 66%, 50%
HSV	342°, 80%, 83%
XYZ	30.0808, 16.5510, 12.4357
YIQ	99.4590, 84.0320, 52.0000

# Conversions

## Conversions Part 2

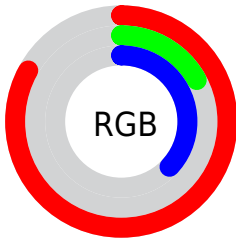
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 43, 95
Decimal	13904735
CIE <sub>Lab</sub>	47.69, 66.22, 12.77
CIE <sub>LCh</sub>	48, 67.436, 10.918
Yxy	16.5510, 0.5093, 0.2802
Android (android.graphics.Color)	4292094815 (0xFFD42B5F)
YUV	99.4590, -2.1983, 98.6985
Hunter-Lab	40.6830, 60.7870, 10.3547

# Details

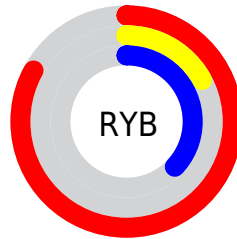
The Hex color **D42B5F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **2BD4A0**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6A91**, and **970031** is the 20% darker color. If you saturate the color by 10%, you get **D41650**, and if you desaturate by 10%, it is **D4406E**.

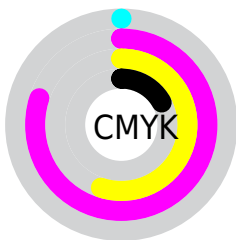
# Distribution



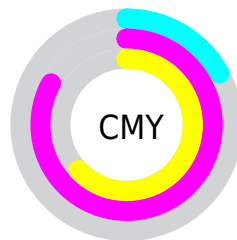
- Red (83%)
- Green (17%)
- Blue (37%)



- Red (83%)
- Yellow (17%)
- Blue (37%)



- Cyan (0%)
- Magenta (80%)
- Yellow (55%)
- Black (17%)



- Cyan (17%)
- Magenta (83%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D42B5F 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 D42B5F by changing the saturation by 10% instead.



 D42B5F

 D42B5F

FFFFFF

 B50048

 FF6A91

 970031

 FF87AC

 78001D

 FFA4C7

 5B0002

 FFC1E3

 3E0003

 FFDEFF

 1A0001

 FFFCFF

 000000

 D42B5F

 D42B5F

 D41650

 D4406E

 D40142

 D4557C

 D40041

 D46B8B

 D4809A

 D495A8

 D4AAB7

 D4BFC6

 D4D5D4

 D4EAE3

# Harmonies

## Analogous

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



C33798



D42B5F



C84428

# Triad

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



D42B5F



338202



0082DD

# Complementary

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



D42B5F



2BD4A0

# 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.



0089BB



D42B5F



008849

# Square

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



D42B5F



767500



008A85



0071E2

# Rectangle

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



D42B5F



B35800



008A85



0085D5



# Sweetspot

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



D42B5F



FFC2D5



9E2BD4



805B66



000000



808080



# Same Dimension

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



D42B5F



FF0A56



D44A2B



6B6064



AB0035



2B000D



# Inverse Universe

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



D42B5F



FF0A56



2BB5D4



6B6064



AB0035



2B000D



# Previews

## White Background



This preview shows how the Hex color D42B5F looks on a white background.

## Color Contrast Check

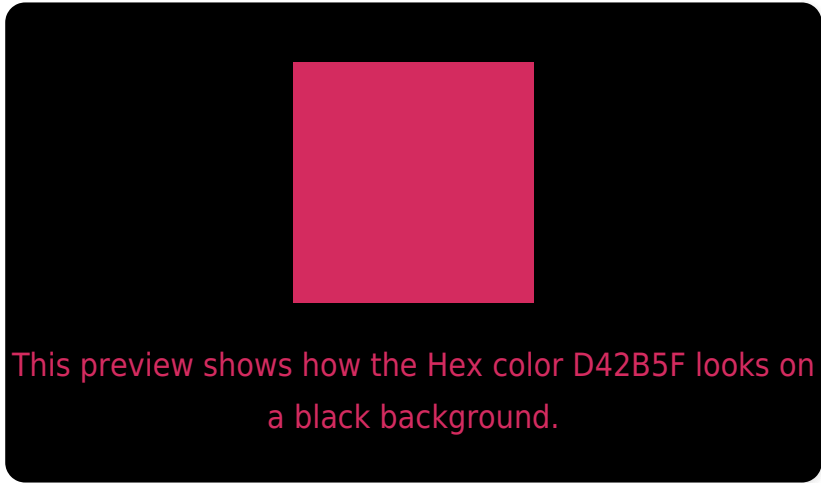
Large Text (above 18pt) WCAG AA ✓ Pass

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 D42B5F Background



This preview shows how black text looks on a background with the Hex color D42B5F.

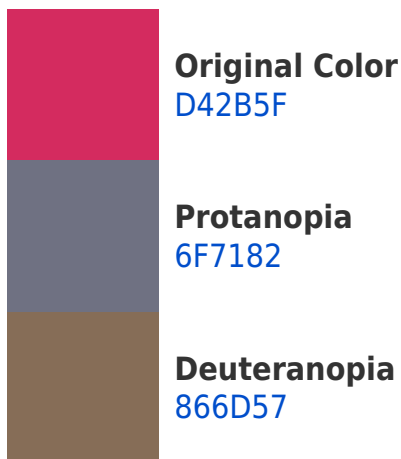



This preview shows how white text looks on a background with the Hex color D42B5F.

# 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](#).

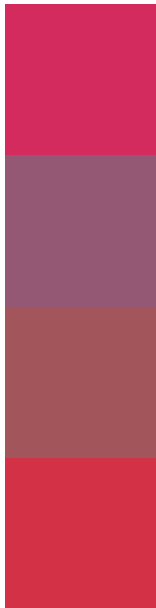
## Dichromacy





**Tritanopia**  
D23537

# Trichromacy



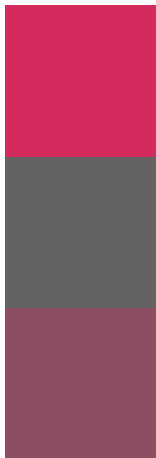
**Original Color**  
D42B5F

**Protanomaly**  
945875

**Deuteranomaly**  
A2555A

**Tritanomaly**  
D33146

# Monochromacy



**Original Color**  
D42B5F

**Achromatopsia**  
636363

**Achromatomaly**  
8C4F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D42B5F 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 #D42B5F looks like.

```
.text, #text, p{  
  color:#D42B5F  
}
```

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 #D42B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D42B5F
}
```

## Border

The CSS property to change the border of an element to Hex D42B5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

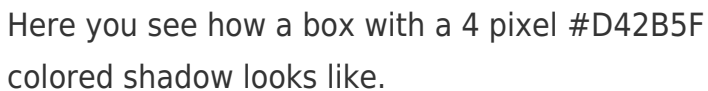
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D42B5F }
```

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

```
.border{ border-color:#D42B5F }
```

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



Here you see how a box with a 4 pixel #D42B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D42B5F; -webkit-box-shadow:4px 4px  
4px 4px #D42B5F; box-shadow:4px 4px 4px  
4px #D42B5F }
```

# Background

The CSS property to change the background color of an element to Hex D42B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D42B5F }
```

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

```
.background{ background-color:#D42B5F }
```

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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