

# Converting Colors

Hex(D41B32)

Have a look what the booklet for  
Hex(D41B32) contains.

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# Color

**Hex(D41B32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D41B32
RGB	212, 27, 50
RGB Percent	83%, 11%, 20%
CMY	0.1686, 0.8941, 0.8039
CMYK	0.00, 0.87, 0.76, 0.17
HSL	353°, 77%, 47%
HSV	353°, 87%, 83%
XYZ	28.1190, 15.0112, 4.4330
YIQ	84.9370, 102.8770, 46.3730

# Conversions

## Conversions Part 2

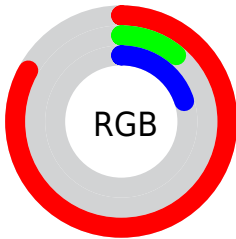
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 27, 50</a>
Decimal	<a href="#">13900594</a>
CIELab	<a href="#">45.65, 67.43, 37.49</a>
CIELCh	<a href="#">46, 77.153, 29.072</a>
Yxy	<a href="#">15.0112, 0.5912, 0.3156</a>
Android (android.graphics.Color)	<a href="#">4292090674 (0xFFD41B32)</a>
YUV	<a href="#">84.9370, -17.2239, 111.4343</a>
Hunter-Lab	<a href="#">38.7443, 61.7455, 20.3372</a>

# Details

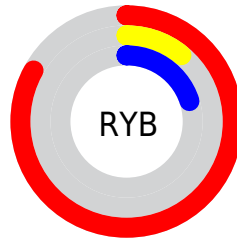
The Hex color **D41B32** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1BD4BD**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6061**, and **940006** is the 20% darker color. If you saturate the color by 10%, you get **D4061F**, and if you desaturate by 10%, it is **D43045**.

# Distribution



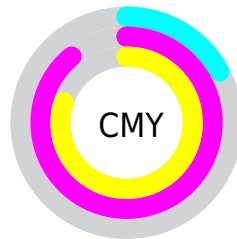
- Red (83%)
- Green (11%)
- Blue (20%)



- Red (83%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (76%)
- Black (17%)



- Cyan (17%)
- Magenta (89%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D41B32 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 D41B32 by changing the saturation by 10% instead.



 D41B32

 D41B32

FFFFFF

 B4001D

 FF6061

 940006

 FF7D7A

 750000

 FF9A93

 560002

 FFB8AE

 380002

 FFD5CA

 0E0000

 FFF3E6

 000000

 D41B32

 D41B32

 D4061F

 D43045

 D4001A

 D44557

 D45B6A

 D4707C

 D4858F

 D49AA1

 D4AFB4

 D4C5C7

 D4DAD9

# Harmonies

## Analogous

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



D70071



D41B32



B64C00

# Triad

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



D41B32



008221



0076EF

# Complementary

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



D41B32



1BD4BD

# 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.



0083DC



D41B32



008668

# Square

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



D41B32



447A00



0087AA



595BDF

# Rectangle

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



D41B32



976100



0087AA



007BED



# Sweetspot

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



D41B32



FFBDC5



BB1BD4



80585D



000000



808080



# Same Dimension

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



D41B32



FF0020



D45F1B



6B6062



AB0015



2B0005



# Inverse Universe

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



D41B32



FF0020



1B90D4



6B6062



AB0015



2B0005



# Previews

## White Background



This preview shows how the Hex color D41B32 looks on a white background.

## Color Contrast Check

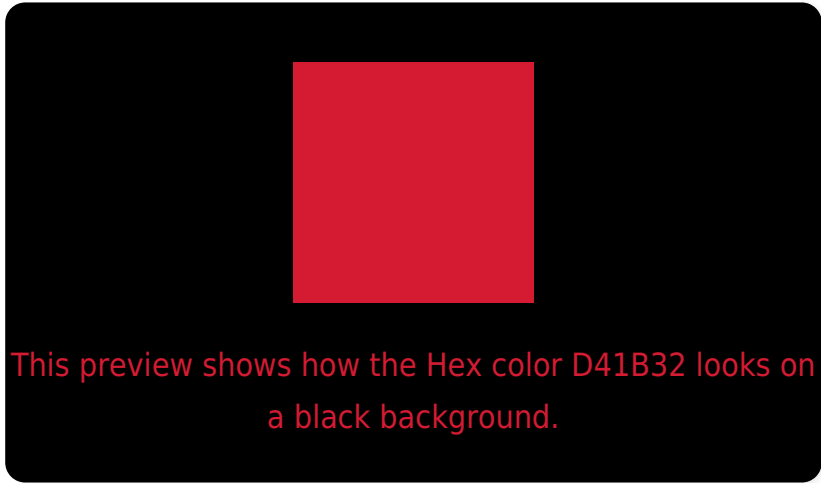
Large Text (above 18pt) WCAG AA ✓ Pass

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 D41B32 Background



This preview shows how black text looks on a background with the Hex color D41B32.



This preview shows how white text looks on a background with the Hex color D41B32.

# 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**  
D41B32

**Protanopia**  
766D4A

**Deuteranopia**  
896826



**Tritanopia**  
D4201D

# Trichromacy



**Original Color**  
D41B32

**Protanomaly**  
984F41

**Deuteranomaly**  
A44C2A

**Tritanomaly**  
D41E25

# Monochromacy



**Original Color**  
D41B32

**Achromatopsia**  
555555

**Achromatomaly**  
834048

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D41B32 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 #D41B32 looks like.

```
.text, #text, p{  
    color:#D41B32  
}
```

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 #D41B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D41B32  
}
```

## Border

The CSS property to change the border of an element to Hex D41B32 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  
#D41B32 }
```

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

```
.border{ border-color:#D41B32 }
```

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

Here you see how a box with a 4 pixel #D41B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D41B32; -webkit-box-shadow:4px 4px  
4px 4px #D41B32; box-shadow:4px 4px 4px  
4px #D41B32 }
```

# Background

The CSS property to change the background color of an element to Hex D41B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D41B32 }
```

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

```
.background{ background-color:#D41B32 }
```

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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