

Converting Colors

Hex(D81B32)

Have a look what the booklet for
Hex(D81B32) contains.

Hex(D81B32)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D81B32)

Conversions

Conversions Part 1

Format	Color
Hex	D81B32
RGB	216, 27, 50
RGB Percent	85%, 11%, 20%
CMY	0.1529, 0.8941, 0.8039
CMYK	0.00, 0.88, 0.77, 0.15
HSL	353°, 78%, 48%
HSV	353°, 88%, 85%
XYZ	29.2866, 15.6131, 4.4877
YIQ	86.1330, 105.2610, 47.2210

Conversions

Conversions Part 2

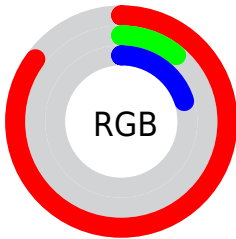
Format	Color
RYB	216, 27, 50
Decimal	14162738
CIELab	46.46, 68.48, 38.61
CIElCh	46, 78.611, 29.416
Yxy	15.6131, 0.5930, 0.3161
Android (android.graphics.Color)	4292352818 (0xFFD81B32)
YUV	86.1330, -17.8136, 113.8934
Hunter-Lab	39.5134, 63.1523, 20.9256

Details

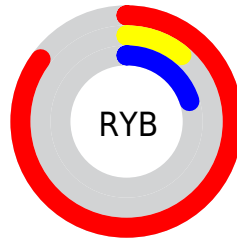
The Hex color **D81B32** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1BD8C1**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6161**, and **980006** is the 20% darker color. If you saturate the color by 10%, you get **D8051F**, and if you desaturate by 10%, it is **D83145**.

Distribution



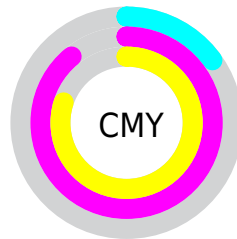
- Red (85%)
- Green (11%)
- Blue (20%)



- Red (85%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (88%)
- Yellow (77%)
- Black (15%)



- Cyan (15%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D81B32 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 D81B32 by changing the saturation by 10% instead.

 D81B32

 D81B32

FFFFFF

 B8001D

 FF6161

 980006

 FF7E7A

 780000

 FF9B94

 590001

 FFB9AE

 3C0003

 FFD6CA

 160000

 FFF4E6

 000000

 D81B32

 D81B32

 D8051F

 D83145

 D8001A

 D84658

 D85C6B

 D8717E

 D88791

 D89DA4

 D8B2B7

 D8C8CA

 D8DDDD

Harmonies

Analogous

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



DB0072



D81B32



B94E00

Triad

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



D81B32



008522



0078F4

Complementary

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



D81B32



1BD8C1

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.



0085E0



D81B32



00896B

Square

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



D81B32



447C00



0089AE



5C5DE3

Rectangle

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



D81B32



9A6300



0089AE



007DF2

Sweetspot

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



D81B32



FFBDC5



BF1BD8



80585D



000000



808080

Same Dimension

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



D81B32



FF001F



D8601B



6B6062



AB0015



2B0005

Inverse Universe

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



D81B32



FF001F



1B93D8



6B6062



AB0015



2B0005

Previews

White Background



This preview shows how the Hex color D81B32 looks on a white background.

Color Contrast Check

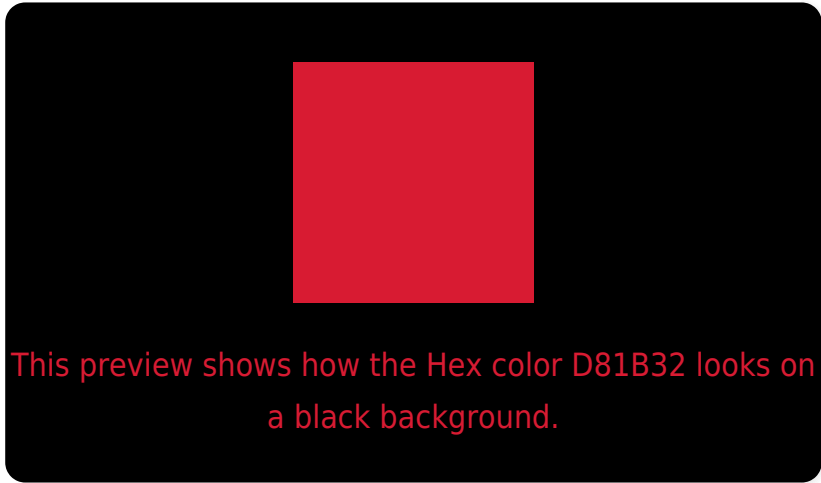
Large Text (above 18pt) WCAG AA ✓ Pass

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 D81B32 Background



This preview shows how black text looks on a background with the Hex color D81B32.



This preview shows how white text looks on a background with the Hex color D81B32.

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
D81B32

Protanopia
796F4A

Deuteranopia
8B6A25



Tritanopia
D8201D

Trichromacy



Original Color
D81B32

Protanomaly
9C5041

Deuteranomaly
A74D2A

Tritanomaly
D81E25

Monochromacy



Original Color
D81B32

Achromatopsia
565656

Achromatomaly
854149

CSS Examples

Text

The CSS property to change the color of the text to Hex D81B32 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 #D81B32 looks like.

```
.text, #text, p{  
    color:#D81B32  
}
```

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 #D81B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D81B32  
}
```

Border

The CSS property to change the border of an element to Hex D81B32 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".

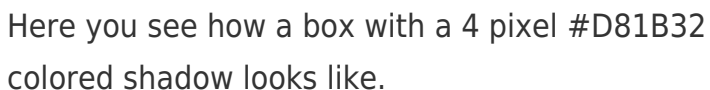
```
.border, #border, table{ border:4px solid  
#D81B32 }
```

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

```
.border{ border-color:#D81B32 }
```

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

Here you see how a box with a 4 pixel #D81B32 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D81B32; -webkit-box-shadow:4px 4px  
4px 4px #D81B32; box-shadow:4px 4px 4px  
4px #D81B32 }
```

Background

The CSS property to change the background color of an element to Hex D81B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D81B32 }
```

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

```
.background{ background-color:#D81B32 }
```

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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