

Converting Colors

Hex(D81919)

Have a look what the booklet for
Hex(D81919) contains.

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Color

Hex(D81919)

Conversions

Conversions Part 1

Format	Color
Hex	D81919
RGB	216, 25, 25
RGB Percent	85%, 10%, 10%
CMY	0.1529, 0.9020, 0.9020
CMYK	0.00, 0.88, 0.88, 0.15
HSL	0°, 79%, 47%
HSV	0°, 88%, 85%
XYZ	28.8420, 15.3644, 2.3652
YIQ	82.1090, 113.8360, 40.4920

Conversions

Conversions Part 2

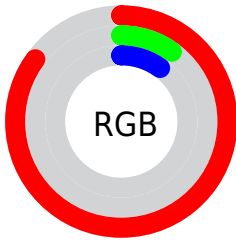
Format	Color
RYB	216, 25, 25
Decimal	14162201
CIELab	46.13, 68.20, 51.32
CIElCh	46, 85.346, 36.960
Yxy	15.3644, 0.6193, 0.3299
Android (android.graphics.Color)	4292352281 (0xFFD81919)
YUV	82.1090, -28.1547, 117.4224
Hunter-Lab	39.1974, 62.7473, 23.8606

Details

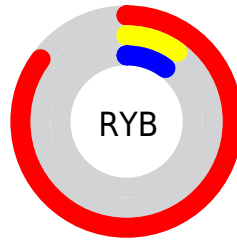
The Hex color **D81919** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **19D8D8**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5F48**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D80303**, and if you desaturate by 10%, it is **D82F2F**.

Distribution



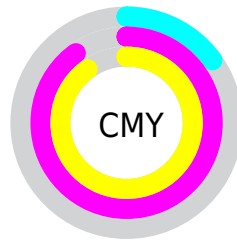
- Red (85%)
- Green (10%)
- Blue (10%)



- Red (85%)
- Yellow (10%)
- Blue (10%)



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



- Cyan (15%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D81919 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 D81919 by changing the saturation by 10% instead.

 D81919

 D81919

FFFFFF

 B70001

 FF5F48

 970000

 FF7D61

 770000

 FF9A7A

 580002

 FFB795

 3B0002

 FFD5B0

 130000

 FFF3CB

 000000

 FFFF8

 D81919

 D81919

 D80303

 D82F2F

 D80000

 D84444

 D85A5A

 D86F6F

 D88585

 D89B9B

 D8B0B0

 D8C6C6

 D8DBDB

Harmonies

Analogous

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



E50060



D81919



B05300

Triad

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



D81919



008730



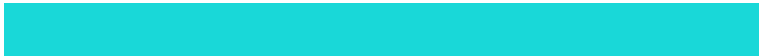
0072FE

Complementary

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



D81919



19D8D8

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.



0084F3



D81919



00897D

Square

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



D81919



197F00



0089C3



7B50E2

Rectangle

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



D81919



8C6800



0089C3



007AFF

Sweetspot

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



D81919



FFBABA



D819D8



805757



000000



808080

Same Dimension

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



D81919



FF0000



D87919



6B6060



AB0000



2B0000

Inverse Universe

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



19D8D8



00FFFF



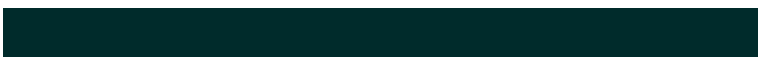
1979D8



606B6B



00ABAB



002B2B

Previews

White Background



This preview shows how the Hex color D81919 looks on a white background.

Color Contrast Check

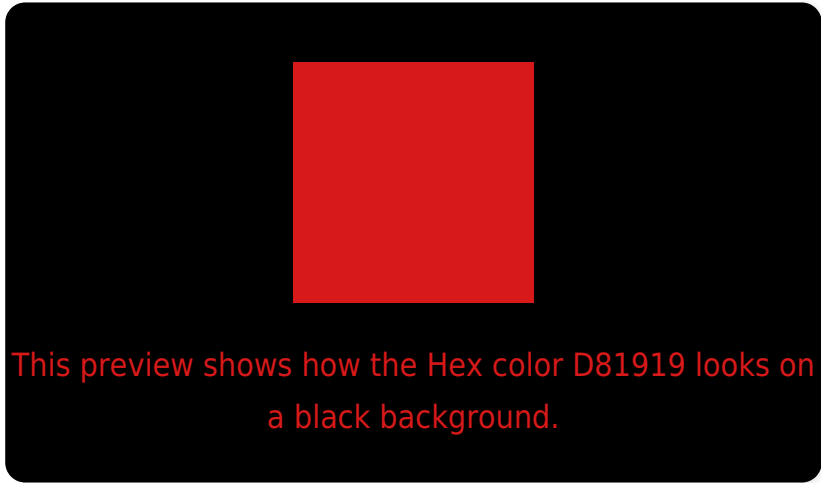
Large Text (above 18pt) WCAG AA ✓ Pass

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 D81919 Background



This preview shows how black text looks on a background with the Hex color D81919.



This preview shows how white text looks on a background with the Hex color D81919.

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
D81919

Protanopia
7B6F2B

Deuteranopia
8B6900



Tritanopia
D81A14

Trichromacy



Original Color
D81919

Protanomaly
9D5024

Deuteranomaly
A74C09

Tritanomaly
D81A16

Monochromacy



Original Color
D81919

Achromatopsia
525252

Achromatomaly
833D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex D81919 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 #D81919 looks like.

```
.text, #text, p{  
    color:#D81919  
}
```

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 #D81919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D81919
}
```

Border

The CSS property to change the border of an element to Hex D81919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

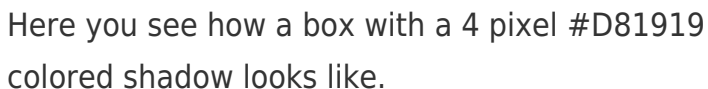
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D81919 }
```

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

```
.border{ border-color:#D81919 }
```

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



Here you see how a box with a 4 pixel #D81919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D81919; -webkit-box-shadow:4px 4px  
4px 4px #D81919; box-shadow:4px 4px 4px  
4px #D81919 }
```

Background

The CSS property to change the background color of an element to Hex D81919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D81919 }
```

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

```
.background{ background-color:#D81919 }
```

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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