

Converting Colors

Hex(D8122A)

Have a look what the booklet for
Hex(D8122A) contains.

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Color

Hex(D8122A)

Conversions

Conversions Part 1

Format	Color
Hex	D8122A
RGB	216, 18, 42
RGB Percent	85%, 7%, 16%
CMY	0.1529, 0.9294, 0.8353
CMYK	0.00, 0.92, 0.81, 0.15
HSL	353°, 85%, 46%
HSV	353°, 92%, 85%
XYZ	28.9531, 15.1987, 3.5981
YIQ	79.9380, 110.3040, 49.4400

Conversions

Conversions Part 2

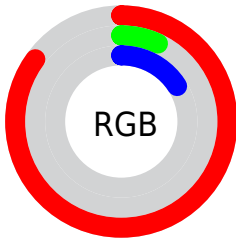
Format	Color
RYB	216, 18, 42
Decimal	14160426
CIELab	45.91, 69.59, 42.55
CIElCh	46, 81.572, 31.444
Yxy	15.1987, 0.6063, 0.3183
Android (android.graphics.Color)	4292350506 (0xFFD8122A)
YUV	79.9380, -18.7034, 119.3264
Hunter-Lab	38.9855, 64.3408, 21.8178

Details

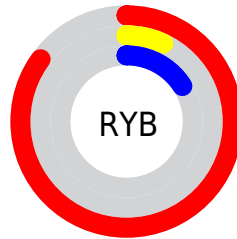
The Hex color **D8122A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **12D8C0**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5D58**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D8001A**, and if you desaturate by 10%, it is **D8283D**.

Distribution



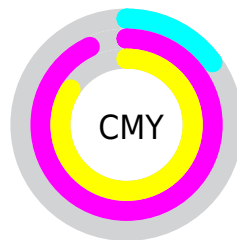
- Red (85%)
- Green (7%)
- Blue (16%)



- Red (85%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (92%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8122A 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 D8122A by changing the saturation by 10% instead.

 D8122A

 D8122A

FFFFFF

 B80015

 FF5D58

 980000

 FF7B71

 780000

 FF988B

 580002

 FFB5A5

 3B0002

 FFD3C0

 140000

 FFF1DC

 000000

 FFFFF9

 D8122A

 D8122A

 D8001A

 D8283D

 D83D50

 D85363

 D86876

 D87E89

 D8949C

 D8A9AF

 D8BFC2

 D8D4D5

Harmonies

Analogous

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



DE006D



D8122A



B64D00

Triad

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



D8122A



008423



0076F8

Complementary

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



D8122A



12D8C0

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.



0084E6



D8122A



00886E

Square

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



D8122A



397C00



0088B3



6358E3

Rectangle

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



D8122A



956300



0088B3



007CF6

Sweetspot

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



D8122A



FFB8C0



BE12D8



805459



000000



808080

Same Dimension

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



D8122A



FF001F



D85B12



6B6062



AB0015



2B0005

Inverse Universe

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



D8122A



FF001F



128FD8



6B6062



AB0015



2B0005

Previews

White Background



This preview shows how the Hex color D8122A 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 D8122A Background



This preview shows how black text looks on a background with the Hex color D8122A.



This preview shows how white text looks on a background with the Hex color D8122A.

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
D8122A

Protanopia
796E41

Deuteranopia
8B6819



Tritanopia
D81811

Trichromacy



Original Color
D8122A



Protanomaly
9C4D39



Deuteranomaly
A7491F



Tritanomaly
D8161A

Monochromacy



Original Color
D8122A



Achromatopsia
505050



Achromatomaly
813942

CSS Examples

Text

The CSS property to change the color of the text to Hex D8122A 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 #D8122A looks like.

```
.text, #text, p{  
    color:#D8122A  
}
```

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 #D8122A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8122A
}
```

Border

The CSS property to change the border of an element to Hex D8122A is called "border". The border property can be set on classes, ids or directly on the HTML element.

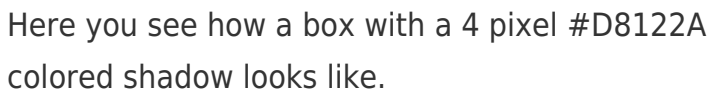
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D8122A }
```

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

```
.border{ border-color:#D8122A }
```

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



Here you see how a box with a 4 pixel #D8122A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8122A; -webkit-box-shadow:4px 4px  
4px 4px #D8122A; box-shadow:4px 4px 4px  
4px #D8122A }
```

Background

The CSS property to change the background color of an element to Hex D8122A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8122A }
```

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

```
.background{ background-color:#D8122A }
```

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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