

# Converting Colors

Hex(DD1A2C)

Have a look what the booklet for  
Hex(DD1A2C) contains.

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# Color

**Hex(DD1A2C)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | DD1A2C                     |
| RGB         | 221, 26, 44                |
| RGB Percent | 87%, 10%, 17%              |
| CMY         | 0.1333, 0.8980, 0.8275     |
| CMYK        | 0.00, 0.88, 0.80, 0.13     |
| HSL         | 354°, 79%, 48%             |
| HSV         | 354°, 88%, 87%             |
| XYZ         | 30.6428, 16.2928, 3.9126   |
| YIQ         | 86.3570, 110.4420, 46.9380 |

# Conversions

## Conversions Part 2

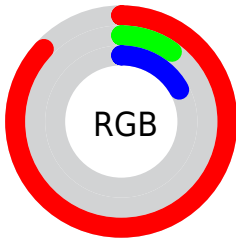
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 221, 26, 44                    |
| Decimal                             | 14490156                       |
| CIE Lab                             | 47.36, 69.76, 43.24            |
| CIE LCh                             | 47, 82.072, 31.791             |
| Yxy                                 | 16.2928, 0.6026,<br>0.3204     |
| Android<br>(android.graphics.Color) | 4292680236<br>(0xFFDD1A2C)     |
| YUV                                 | 86.3570, -20.8820,<br>118.0819 |
| Hunter-Lab                          | 40.3643, 64.8717,<br>22.5079   |

# Details

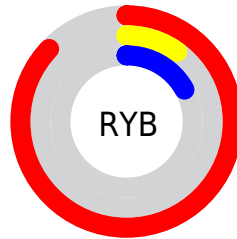
The Hex color **DD1A2C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1ADDCB**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF615B**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DD0418**, and if you desaturate by 10%, it is **DD3040**.

# Distribution



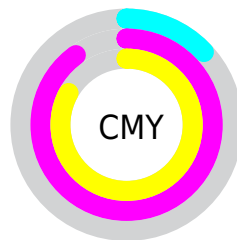
- Red (87%)
- Green (10%)
- Blue (17%)



- Red (87%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (88%)
- Yellow (80%)
- Black (13%)



- Cyan (13%)
- Magenta (90%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD1A2C 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 DD1A2C by changing the saturation by 10% instead.



 DD1A2C

 DD1A2C

FFFFFF

 BD0016

 FF615B

 9D0000

 FF7F73

 7D0000

 FF9C8D

 5D0001

 FFB9A8

 400003

 FFD7C3

 1D0001

 FFF5DF

 000000

 FFFFFC

 DD1A2C

 DD1A2C

 DD0418

 DD3040

 DD0014

 DD4654

 DD5C68

 DD727C

 DD8890

 DD9FA4

 DDB5B8

 DDCBCC

 DDE1E1

# Harmonies

## Analogous

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



E3006F



DD1A2C



BA5100

# Triad

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



DD1A2C



008827



0079FD

# Complementary

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



DD1A2C



1ADDCB

# 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.



0088EB



DD1A2C



008C73

# Square

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



DD1A2C



3C8000



008CB8



695BE8

# Rectangle

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



DD1A2C



996700



008CB8



007FFB



# Sweetspot

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



DD1A2C



FFBDC3



CA1ADD



80585C



000000



808080



# Same Dimension

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



DD1A2C



FF0018



DD681A



6E6364



AD0010



2E0004



# Inverse Universe

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



DD1A2C



FF0018



1A8FDD



6E6364



AD0010



2E0004



# Previews

## White Background



This preview shows how the Hex color DD1A2C looks on a white background.

## Color Contrast Check

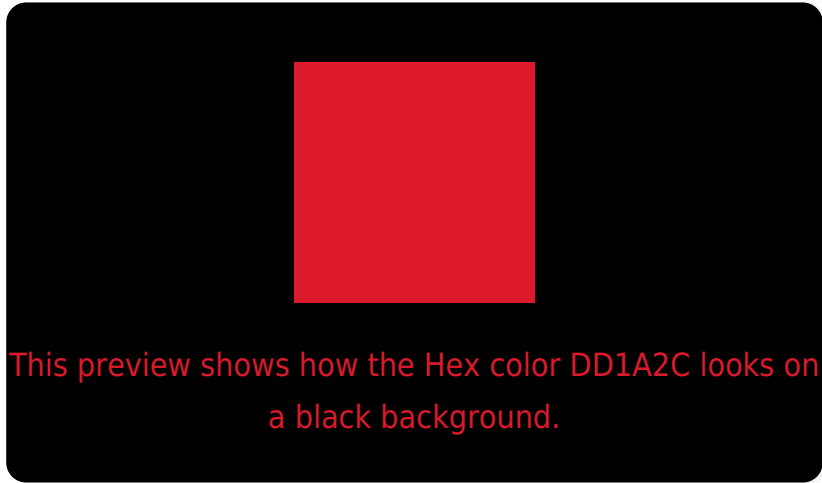
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD1A2C Background



This preview shows how black text looks on a background with the Hex color DD1A2C.



This preview shows how white text looks on a background with the Hex color DD1A2C.

# 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**  
DD1A2C

**Protanopia**  
7C7143

**Deuteranopia**  
8F6C1C



**Tritanopia**  
DD1E1A

# Trichromacy



**Original Color**  
DD1A2C

**Protanomaly**  
9F513B

**Deuteranomaly**  
AB4E22

**Tritanomaly**  
DD1D21

# Monochromacy



**Original Color**  
DD1A2C

**Achromatopsia**  
565656

**Achromatomaly**  
874047

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD1A2C 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 #DD1A2C looks like.

```
.text, #text, p{  
    color:#DD1A2C  
}
```

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 #DD1A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD1A2C }  
}
```

## Border

The CSS property to change the border of an element to Hex DD1A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

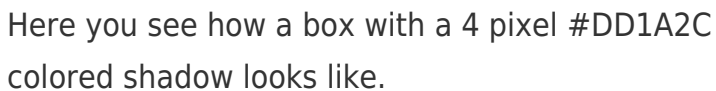
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #DD1A2C }  
}
```

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

```
.border{ border-color:#DD1A2C }
```

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



Here you see how a box with a 4 pixel `#DD1A2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD1A2C; -webkit-box-shadow:4px 4px  
4px 4px #DD1A2C; box-shadow:4px 4px 4px  
4px #DD1A2C }
```

# Background

The CSS property to change the background color of an element to Hex DD1A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD1A2C }
```

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

```
.background{ background-color:#DD1A2C }
```

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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