

Converting Colors

Hex(DC2C3A)

Have a look what the booklet for
Hex(DC2C3A) contains.

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Color

Hex(DC2C3A)

Conversions

Conversions Part 1

Format	Color
Hex	DC2C3A
RGB	220, 44, 58
RGB Percent	86%, 17%, 23%
CMY	0.1373, 0.8275, 0.7725
CMYK	0.00, 0.80, 0.74, 0.14
HSL	355°, 72%, 52%
HSV	355°, 80%, 86%
XYZ	31.1796, 17.3225, 5.7032
YIQ	98.2200, 100.4020, 41.6660

Conversions

Conversions Part 2

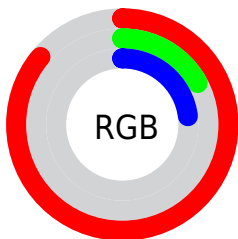
Format	Color
RYB	220, 44, 58
Decimal	14429242
CIELab	48.66, 66.11, 36.66
CIElCh	49, 75.597, 29.007
Yxy	17.3225, 0.5752, 0.3196
Android (android.graphics.Color)	4292619322 (0xFFDC2C3A)
YUV	98.2200, -19.8285, 106.8011
Hunter-Lab	41.6203, 60.8867, 21.0097

Details

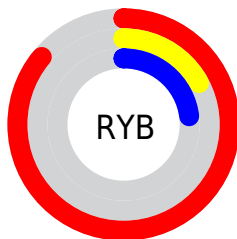
The Hex color **DC2C3A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **2CDCCE**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6B69**, and **9C0010** is the 20% darker color. If you saturate the color by 10%, you get **DC1626**, and if you desaturate by 10%, it is **DC424E**.

Distribution



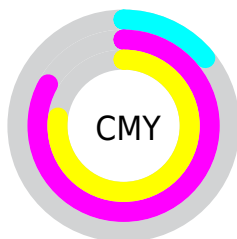
- Red (86%)
- Green (17%)
- Blue (23%)



- Red (86%)
- Yellow (17%)
- Blue (23%)



- Cyan (0%)
- Magenta (80%)
- Yellow (74%)
- Black (14%)



- Cyan (14%)
- Magenta (83%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC2C3A 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 DC2C3A by changing the saturation by 10% instead.

 DC2C3A

 DC2C3A

FFFFFF

 BC0024

 FF6B69

 9C0010

 FF8883

 7D0000

 FFA59D

 5E0001

 FFC2B8

 410003

 FFDFD4

 1F0001

 FFFDF0

 000000

 DC2C3A

 DC2C3A

 DC1626

 DC424E

 DC0011

 DC5862

 DC6E77

 DC848B

 DC9A9F

 DCB0B3

 DCC6C8

 DCDCDC

 DCF2F0

Harmonies

Analogous

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



DE1079



DC2C3A



BE5400

Triad

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



DC2C3A



008A2B



007DF5

Complementary

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



DC2C3A



2CDCCE

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.



008AE2



DC2C3A



008E70

Square

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



DC2C3A



4E8100



008EB0



6463E5

Rectangle

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



DC2C3A



A06800



008EB0



0082F3

Sweetspot

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



DC2C3A



FFC2C7



CD2CDC



805B5D



000000



808080

Same Dimension

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



DC2C3A



FF0A1E



DC752C



6E6364



AD000E



2E0004

Inverse Universe

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



DC2C3A



FF0A1E



2C93DC



6E6364



AD000E



2E0004

Previews

White Background



This preview shows how the Hex color DC2C3A looks on a white background.

Color Contrast Check

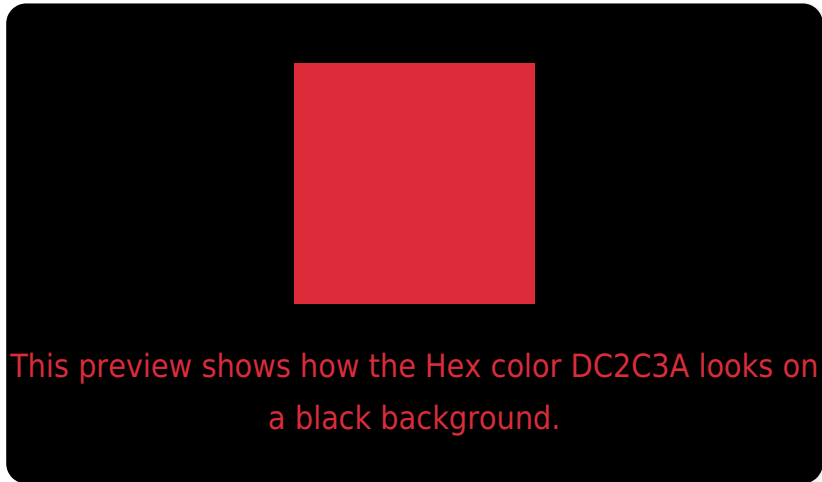
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2C3A Background



This preview shows how black text looks on a background with the Hex color DC2C3A.



This preview shows how white text looks on a background with the Hex color DC2C3A.

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
DC2C3A

Protanopia
7E7452

Deuteranopia
916F2F

Trichromacy



Original Color
DC2C3A

Protanomaly
A05A49

Deuteranomaly
AC5733

Tritanomaly
DC2D32

Monochromacy



Original Color
DC2C3A

Achromatopsia
626262

Achromatomaly
8E4E53

CSS Examples

Text

The CSS property to change the color of the text to Hex DC2C3A 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 #DC2C3A looks like.

```
.text, #text, p{  
    color:#DC2C3A  
}
```

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 #DC2C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2C3A
}
```

Border

The CSS property to change the border of an element to Hex DC2C3A 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
#DC2C3A }
```

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

```
.border{ border-color:#DC2C3A }
```

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

Here you see how a box with a 4 pixel #DC2C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2C3A; -webkit-box-shadow:4px 4px  
4px 4px #DC2C3A; box-shadow:4px 4px 4px  
4px #DC2C3A }
```

Background

The CSS property to change the background color of an element to Hex DC2C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2C3A }
```

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

```
.background{ background-color:#DC2C3A }
```

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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