

Converting Colors

Hex(D6002A)

Have a look what the booklet for
Hex(D6002A) contains.

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Color

Hex(D6002A)

Conversions

Conversions Part 1

Format	Color
Hex	D6002A
RGB	214, 0, 42
RGB Percent	84%, 0%, 16%
CMY	0.1608, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.80, 0.16
HSL	348°, 100%, 42%
HSV	348°, 100%, 84%
XYZ	28.1495, 14.4633, 3.4985
YIQ	68.7740, 114.0620, 58.4300

Conversions

Conversions Part 2

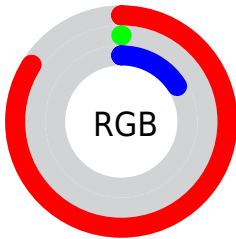
Format	Color
RYB	214, 0, 42
Decimal	14024746
CIELab	44.89, 70.83, 41.40
CIElCh	45, 82.038, 30.308
Yxy	14.4633, 0.6105, 0.3137
Android (android.graphics.Color)	4292214826 (0xFFD6002A)
YUV	68.7740, -13.1996, 127.3632
Hunter-Lab	38.0307, 65.5682, 21.1672

Details

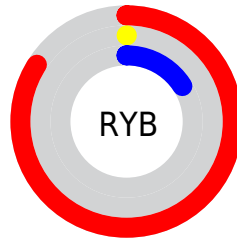
The Hex color **D6002A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D6AC**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5858**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D6002A**, and if you desaturate by 10%, it is **D6153B**.

Distribution



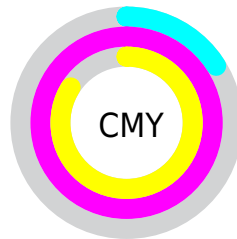
- Red (84%)
- Green (0%)
- Blue (16%)



- Red (84%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6002A 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 D6002A by changing the saturation by 10% instead.

 D6002A

 D6002A

FFFFFF

 B60015

 FF5858

 960000

 FF7671

 760000

 FF948A

 570002

 FFB1A5

 390002

 FFCFC0

 0E0000

 FFEDDC

 000000

 FFFFF9

 D6002A

 D6153B

 D62B4C

 D6405E

 D6566F

 D66B80

 D68091

 D696A2

 D6ABB4

 D6C1C5

Harmonies

Analogous

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



DB006D



D6002A



B54900

Triad

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



D6002A



00811C



0074F6

Complementary

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



D6002A



00D6AC

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.



0082E2



D6002A



008569

Square

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



D6002A



397900



0086AE



5957E2

Rectangle

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



D6002A



946000



0086AE



007AF4

Sweetspot

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



D6002A



FFB3C2



AB00D6



80525B



000000



808080

Same Dimension

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



D6002A



FF0032



D64000



6B6062



AB0022



2B0009

Inverse Universe

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



D6002A



FF0032



0096D6



6B6062



AB0022



2B0009

Previews

White Background



This preview shows how the Hex color D6002A looks on a white background.

Color Contrast Check

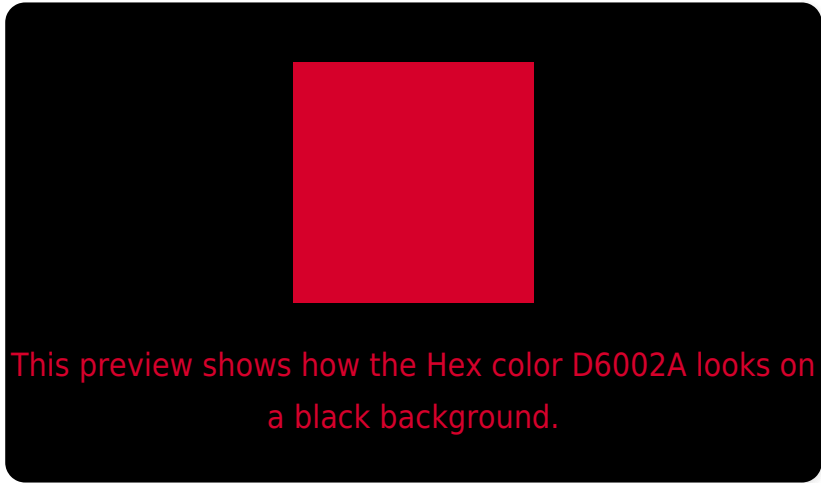
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6002A Background



This preview shows how black text looks on a background with the Hex color D6002A.



This preview shows how white text looks on a background with the Hex color D6002A.

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
D6002A

Protanopia
776C41

Deuteranopia
88671A



Tritanopia
D51300

Trichromacy



Original Color
D6002A



Protanomaly
9A4539



Deuteranomaly
A44220



Tritanomaly
D50C0F

Monochromacy



Original Color
D6002A



Achromatopsia
454545



Achromatomaly
7A2C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex D6002A 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 #D6002A looks like.

```
.text, #text, p{  
    color:#D6002A  
}
```

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 #D6002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6002A
}
```

Border

The CSS property to change the border of an element to Hex D6002A 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
#D6002A }
```

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

```
.border{ border-color:#D6002A }
```

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

Here you see how a box with a 4 pixel #D6002A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6002A; -webkit-box-shadow:4px 4px  
4px 4px #D6002A; box-shadow:4px 4px 4px  
4px #D6002A }
```

Background

The CSS property to change the background color of an element to Hex D6002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6002A }
```

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

```
.background{ background-color:#D6002A }
```

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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