

Converting Colors

Hex(D40244)

Have a look what the booklet for
Hex(D40244) contains.

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Color

Hex(D40244)

Conversions

Conversions Part 1

Format	Color
Hex	D40244
RGB	212, 2, 68
RGB Percent	83%, 1%, 27%
CMY	0.1686, 0.9922, 0.7333
CMYK	0.00, 0.99, 0.68, 0.17
HSL	341°, 98%, 42%
HSV	341°, 99%, 83%
XYZ	28.2165, 14.4578, 6.7723
YIQ	72.3140, 103.9740, 65.0460

Conversions

Conversions Part 2

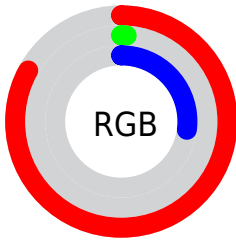
Format	Color
RYB	212, 2, 68
Decimal	13894212
CIELab	44.88, 71.12, 25.73
CIELCh	45, 75.634, 19.887
Yxy	14.4578, 0.5706, 0.2924
Android (android.graphics.Color)	4292084292 (0xFFD40244)
YUV	72.3140, -2.1268, 122.5046
Hunter-Lab	38.0234, 65.9204, 16.0563

Details

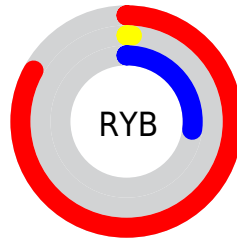
The Hex color **D40244** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **02D492**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5974**, and **95001A** is the 20% darker color. If you saturate the color by 10%, you get **D40043**, and if you desaturate by 10%, it is **D41753**.

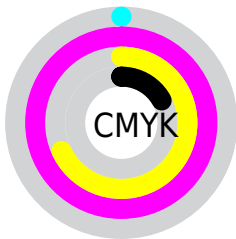
Distribution



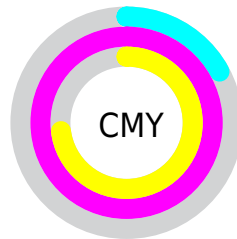
- Red (83%)
- Green (1%)
- Blue (27%)



- Red (83%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (68%)
- Black (17%)



- Cyan (17%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D40244 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 D40244 by changing the saturation by 10% instead.

 D40244

 D40244

FFFFFF

 B4002E

 FF5974

 95001A

 FF778D

 760000

 FF94A8

 570002

 FFB2C3

 390002

 FFD0DF

 0F0000

 FFEDFB

 000000

 D40244

 D40244

 D40043

 D41753

 D42C61

 D44270

 D4577E

 D46C8D

 D4819B

 D496AA

 D4ACB8

 D4C1C7

Harmonies

Analogous

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



CD0082



D40244



BE3F00

Triad

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



D40244



007E00



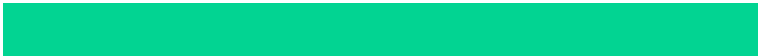
0079E8

Complementary

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



D40244



02D492

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.



0082CB



D40244



008352

Square

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



D40244



5A7400



008494



0063E3

Rectangle

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



D40244



A35700



008494



007DE2

Sweetspot

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



D40244



FFB3CB



9202D4



805260



000000



808080

Same Dimension

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



D40244



FF0050



D42902



6B6064



AB0036



2B000E

Inverse Universe

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



D40244



FF0050



02ADD4



6B6064



AB0036



2B000E

Previews

White Background



This preview shows how the Hex color D40244 looks on a white background.

Color Contrast Check

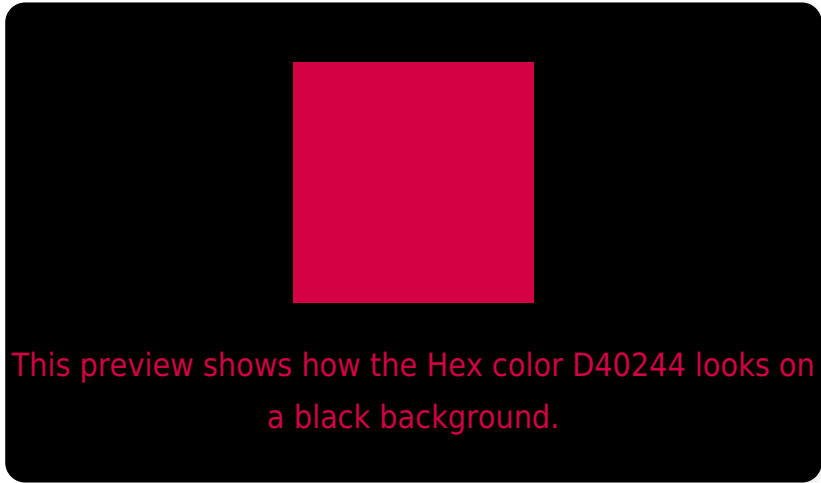
Large Text (above 18pt) WCAG AA ✓ Pass

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 D40244 Background



This preview shows how black text looks on a background with the Hex color D40244.

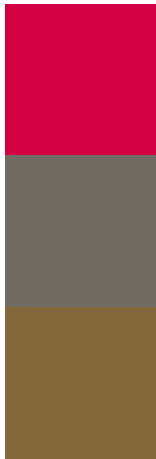


This preview shows how white text looks on a background with the Hex color D40244.

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
D40244

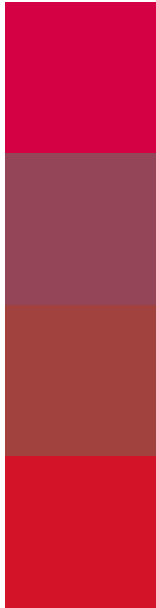
Protanopia
706C64

Deuteranopia
84673A



Tritanopia
D31C17

Trichromacy



Original Color
D40244

Protanomaly
944558

Deuteranomaly
A1423E

Tritanomaly
D31327

Monochromacy



Original Color
D40244

Achromatopsia
484848

Achromatomaly
7B2F47

CSS Examples

Text

The CSS property to change the color of the text to Hex D40244 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 #D40244 looks like.

```
.text, #text, p{  
    color:#D40244  
}
```

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 #D40244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40244
}
```

Border

The CSS property to change the border of an element to Hex D40244 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
#D40244 }
```

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

```
.border{ border-color:#D40244 }
```

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

Here you see how a box with a 4 pixel #D40244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40244; -webkit-box-shadow:4px 4px  
4px 4px #D40244; box-shadow:4px 4px 4px  
4px #D40244 }
```

Background

The CSS property to change the background color of an element to Hex D40244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40244 }
```

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

```
.background{ background-color:#D40244 }
```

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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