

Converting Colors

Hex(D2004C)

Have a look what the booklet for
Hex(D2004C) contains.

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Color

Hex(D2004C)

Conversions

Conversions Part 1

Format	Color
Hex	D2004C
RGB	210, 0, 76
RGB Percent	82%, 0%, 30%
CMY	0.1765, 1.0000, 0.7020
CMYK	0.00, 1.00, 0.64, 0.18
HSL	338°, 100%, 41%
HSV	338°, 100%, 82%
XYZ	27.8828, 14.2234, 8.1133
YIQ	71.4540, 100.7640, 68.1560

Conversions

Conversions Part 2

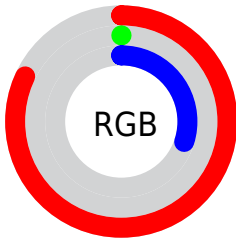
Format	Color
RYB	210, 0, 76
Decimal	13762636
CIELab	44.55, 71.23, 20.24
CIElCh	45, 74.049, 15.862
Yxy	14.2234, 0.5552, 0.2832
Android (android.graphics.Color)	4291952716 (0xFFD2004C)
YUV	71.4540, 2.2412, 121.5048
Hunter-Lab	37.7140, 65.9699, 13.6449

Details

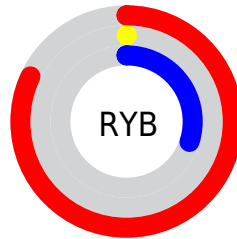
The Hex color **D2004C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **00D286**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF587C**, and **930021** is the 20% darker color. If you saturate the color by 10%, you get **D2004C**, and if you desaturate by 10%, it is **D21559**.

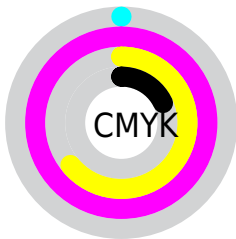
Distribution



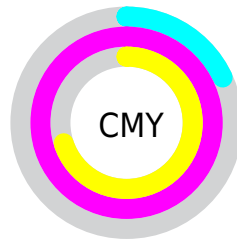
- Red (82%)
- Green (0%)
- Blue (30%)



- Red (82%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2004C 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 D2004C by changing the saturation by 10% instead.

 D2004C

 D2004C

FFFFFF

 B20036

 FF587C

 930021

 FF7696

 74000B

 FF94B1

 560002

 FFB1CC

 380002

 FFCFE8

 0C0000

 FFEDFF

 000000

 D2004C

 D21559

 D22A67

 D23F74

 D25482

 D2698F

 D27E9C

 D293AA

 D2A8B7

 D2BDC5

Harmonies

Analogous

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



C61189



D2004C



C03A0B

Triad

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



D2004C



007C00



0079E2

Complementary

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



D2004C



00D286

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.



0081C2



D2004C



008149

Square

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



D2004C



627100



00838A



0066E2

Rectangle

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



D2004C



A75200



00838A



007DDB

Sweetspot

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



D2004C



FFB3CE



8500D2



805262



000000



808080

Same Dimension

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



D2004C



FF005C



D21C00



695E62



A8003D



29000F

Inverse Universe

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



D2004C



FF005C



00B6D2



695E62



A8003D



29000F

Previews

White Background



This preview shows how the Hex color D2004C looks on a white background.

Color Contrast Check

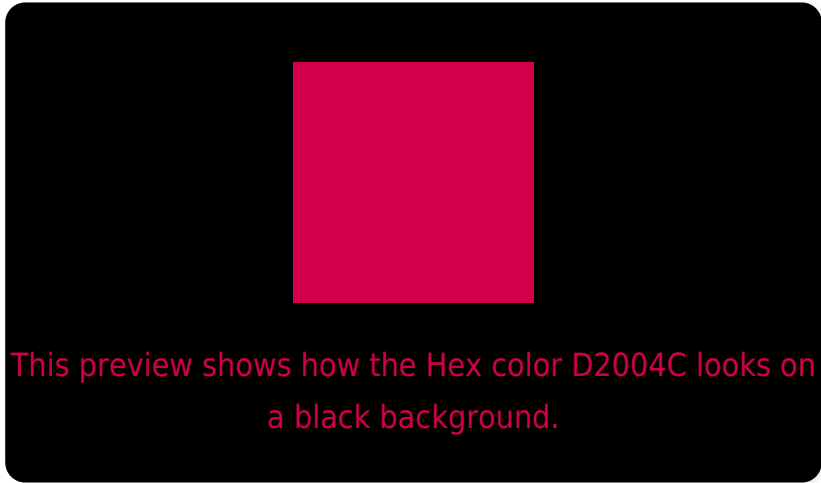
Large Text (above 18pt) WCAG AA ✓ Pass

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 D2004C Background



This preview shows how black text looks on a background with the Hex color D2004C.

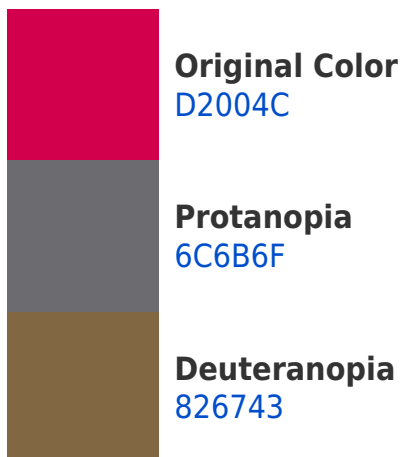


This preview shows how white text looks on a background with the Hex color D2004C.

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



Trichromacy



Original Color
D2004C



Protanomaly
914462



Deuteranomaly
9F4246

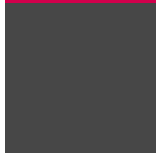


Tritanomaly
D1142D

Monochromacy



Original Color
D2004C



Achromatopsia
474747



Achromatomaly
7A2D49

CSS Examples

Text

The CSS property to change the color of the text to Hex D2004C 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 #D2004C looks like.

```
.text, #text, p{  
    color:#D2004C  
}
```

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 #D2004C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2004C
}
```

Border

The CSS property to change the border of an element to Hex D2004C is called "border". The border property can be set on classes, ids or directly on the HTML element.

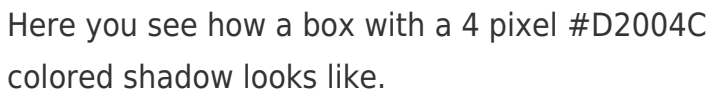
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D2004C }
```

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

```
.border{ border-color:#D2004C }
```

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



Here you see how a box with a 4 pixel #D2004C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2004C; -webkit-box-shadow:4px 4px  
4px 4px #D2004C; box-shadow:4px 4px 4px  
4px #D2004C }
```

Background

The CSS property to change the background color of an element to Hex D2004C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2004C }
```

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

```
.background{ background-color:#D2004C }
```

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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