

Converting Colors

Hex(D00404)

Have a look what the booklet for
Hex(D00404) contains.

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Color

Hex(D00404)

Conversions

Conversions Part 1

Format	Color
Hex	D00404
RGB	208, 4, 4
RGB Percent	82%, 2%, 2%
CMY	0.1843, 0.9843, 0.9843
CMYK	0.00, 0.98, 0.98, 0.18
HSL	0°, 96%, 42%
HSV	0°, 98%, 82%
XYZ	26.0778, 13.5055, 1.3472
YIQ	64.9960, 121.5840, 43.2480

Conversions

Conversions Part 2

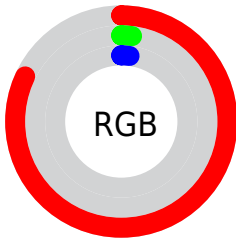
Format	Color
RYB	208, 4, 4
Decimal	13632516
CIELab	43.52, 68.37, 56.35
CIElCh	44, 88.599, 39.498
Yxy	13.5055, 0.6371, 0.3300
Android (android.graphics.Color)	4291822596 (0xFFD00404)
YUV	64.9960, -30.0710, 125.4145
Hunter-Lab	36.7498, 62.3518, 23.5513

Details

The Hex color **D00404** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **04D0D0**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5738**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **D00000**, and if you desaturate by 10%, it is **D01919**.

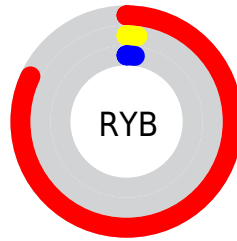
Distribution



Red (82%)

Green (2%)

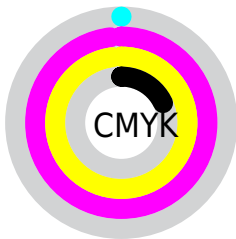
Blue (2%)



Red (82%)

Yellow (2%)

Blue (2%)

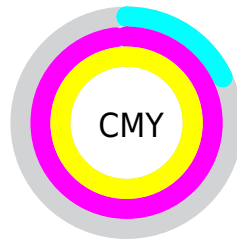


Cyan (0%)

Magenta (98%)

Yellow (98%)

Black (18%)



Cyan (18%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D00404 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 D00404 by changing the saturation by 10% instead.

 D00404

 D00404

 FFFFF3

 AF0000

 FF5738

 8F0000

 FF7551

 6F0000

 FF926A

 510002

 FFAF84

 320002

 FFCC9E

 000000

 FFEABA

 FFFFD6

 D00404

 D00404

 D00000

 D01919

 D02E2E

 D04242

 D05757

 D06C6C

 D08181

 D09696

 D0AAAA

 D0BFBF

Harmonies

Analogous

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



E00054



D00404



A54F00

Triad

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



D00404



00802E



006AFB

Complementary

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



D00404



04D0D0

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.



007DF3



D00404



00837D

Square

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



D00404



007A00



0083C4



7E43DA

Rectangle

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



D00404



7F6400



0083C4



0072FD

Sweetspot

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



D00404



FFB5B5



D004D0



805353



000000



808080

Same Dimension

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



D00404



FF0000



D06A04



695E5E



A80000



290000

Inverse Universe

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



04D0D0



00FFFF



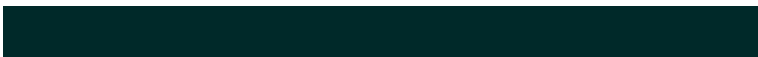
046AD0



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D00404 looks on a white background.

Color Contrast Check

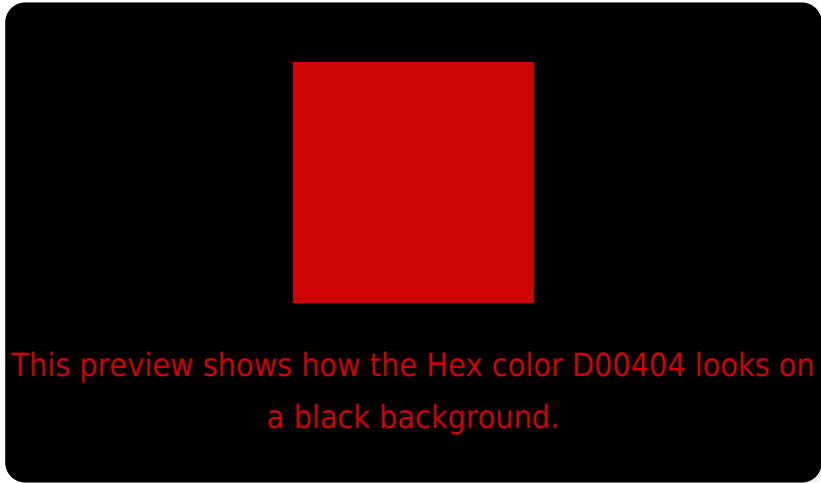
Large Text (above 18pt) WCAG AA ✓ Pass

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 D00404 Background



This preview shows how black text looks on a background with the Hex color D00404.



This preview shows how white text looks on a background with the Hex color D00404.

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

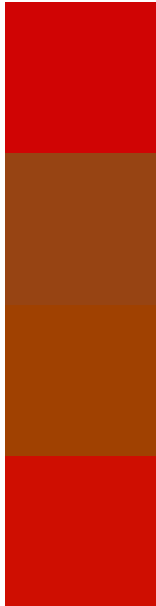


Original Color
D00404

Protanopia
76691B

Deuteranopia
846400

Trichromacy



Original Color
D00404

Protanomaly
974413

Deuteranomaly
A04101

Tritanomaly
CF0E01

Monochromacy



Original Color
D00404

Achromatopsia
414141

Achromatomaly
752B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex D00404 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 #D00404 looks like.

```
.text, #text, p{  
    color:#D00404  
}
```

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 #D00404 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D00404
}
```

Border

The CSS property to change the border of an element to Hex D00404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

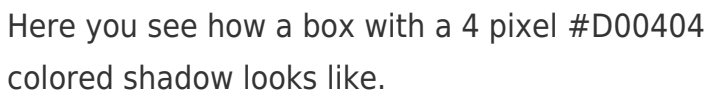
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D00404 }
```

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

```
.border{ border-color:#D00404 }
```

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



Here you see how a box with a 4 pixel #D00404 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D00404; -webkit-box-shadow:4px 4px  
4px 4px #D00404; box-shadow:4px 4px 4px  
4px #D00404 }
```

Background

The CSS property to change the background color of an element to Hex D00404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D00404 }
```

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

```
.background{ background-color:#D00404 }
```

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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