

Converting Colors

Hex(D04949)

Have a look what the booklet for
Hex(D04949) contains.

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Color

Hex(D04949)

Conversions

Conversions Part 1

Format	Color
Hex	D04949
RGB	208, 73, 73
RGB Percent	82%, 29%, 29%
CMY	0.1843, 0.7137, 0.7137
CMYK	0.00, 0.65, 0.65, 0.18
HSL	0°, 59%, 55%
HSV	0°, 65%, 82%
XYZ	29.5976, 18.6560, 8.3443
YIQ	113.3650, 80.4600, 28.6200

Conversions

Conversions Part 2

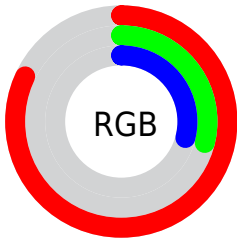
Format	Color
RYB	208, 73, 73
Decimal	13650249
CIELab	50.28, 53.20, 29.33
CIELCh	50, 60.752, 28.865
Yxy	18.6560, 0.5229, 0.3296
Android (android.graphics.Color)	4291840329 (0xFFD04949)
YUV	113.3650, -19.8999, 82.9949
Hunter-Lab	43.1926, 46.7293, 18.7807

Details

The Hex color **D04949** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **49D0D0**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF807A**, and **93031D** is the 20% darker color. If you saturate the color by 10%, you get **D03434**, and if you desaturate by 10%, it is **D05E5E**.

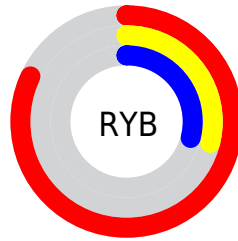
Distribution



Red (82%)

Green (29%)

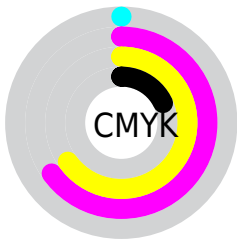
Blue (29%)



Red (82%)

Yellow (29%)

Blue (29%)

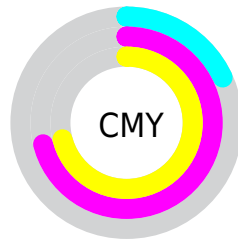


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (18%)



Cyan (18%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D04949 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 D04949 by changing the saturation by 10% instead.

 D04949

 D04949

FFFFFF

 B12C32

 FF807A

 93031D

 FF9C94

 750006

 FFB8AE

 570000

 FFD5CA

 3C0002

 FFF2E6

 180001

 000000

 D04949

 D04949

 D03434

 D05E5E

 D01F1F

 D07373

 D00B0B

 D08787

 D00000

 D09C9C

 D0B1B1

 D0C6C6

 D0DBDB

 D0EFEF

 D0FFFF

Harmonies

Analogous

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



D0417C



D04949



B9601A

Triad

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



D04949



008B3F



007FE0

Complementary

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



D04949



49D0D0

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.



008AD0



D04949



008F74

Square

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



D04949



5E8306



008FA8



716BD3

Rectangle

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



D04949



A06E00



008FA8



0083DE

Sweetspot

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



D04949



FFCFCF



D049D0



806262



000000



808080

Same Dimension

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



D04949



FF3838



D08C49



695E5E



A80000



290000

Inverse Universe

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



49D0D0



38FFFF



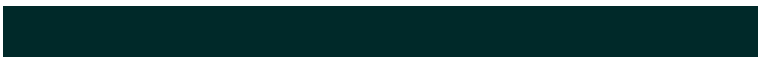
498CD0



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D04949 looks on a white background.

Color Contrast Check

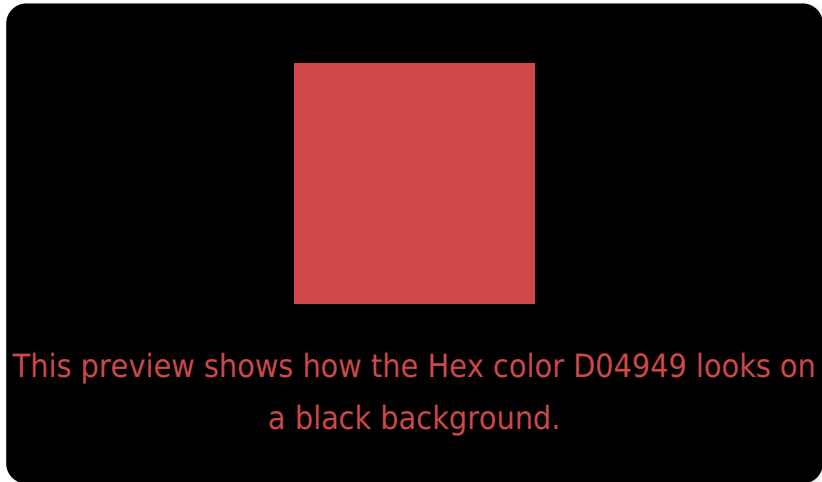
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D04949 Background



This preview shows how black text looks on a background with the Hex color D04949.



This preview shows how white text looks on a background with the Hex color D04949.

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
D04949

Protanopia
81785C

Deuteranopia
937342



Tritanopia
D0484D

Trichromacy



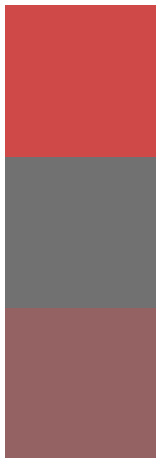
Original Color
D04949

Protanomaly
9E6755

Deuteranomaly
A96445

Tritanomaly
D0484C

Monochromacy



Original Color
D04949

Achromatopsia
717171

Achromatomaly
946262

CSS Examples

Text

The CSS property to change the color of the text to Hex D04949 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 #D04949 looks like.

```
.text, #text, p{  
    color:#D04949  
}
```

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 #D04949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04949
}
```

Border

The CSS property to change the border of an element to Hex D04949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

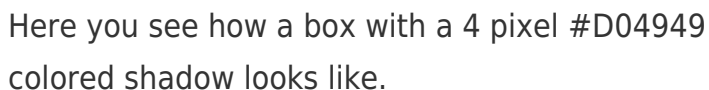
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D04949 }
```

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

```
.border{ border-color:#D04949 }
```

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



Here you see how a box with a 4 pixel #D04949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04949; -webkit-box-shadow:4px 4px  
4px 4px #D04949; box-shadow:4px 4px 4px  
4px #D04949 }
```

Background

The CSS property to change the background color of an element to Hex D04949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04949 }
```

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

```
.background{ background-color:#D04949 }
```

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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