

# Converting Colors

Hex(D04246)

Have a look what the booklet for  
Hex(D04246) contains.

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# Color

**Hex(D04246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D04246
RGB	208, 66, 70
RGB Percent	82%, 26%, 27%
CMY	0.1843, 0.7412, 0.7255
CMYK	0.00, 0.68, 0.66, 0.18
HSL	358°, 60%, 54%
HSV	358°, 68%, 82%
XYZ	29.0661, 17.7485, 7.6882
YIQ	108.9140, 83.3480, 31.3480

# Conversions

## Conversions Part 2

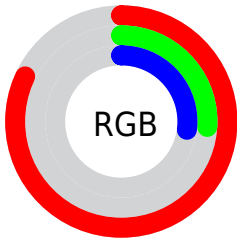
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	208, 66, 70
Decimal	13648454
CIELab	49.19, 55.87, 29.73
CIELCh	49, 63.291, 28.019
Yxy	17.7485, 0.5333, 0.3256
Android (android.graphics.Color)	4291838534 (0xFFD04246)
YUV	108.9140, -19.1846, 86.8984
Hunter-Lab	42.1290, 49.4271, 18.6703

# Details

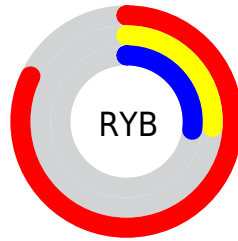
The Hex color **D04246** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **42D0CC**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7A76**, and **92001B** is the 20% darker color. If you saturate the color by 10%, you get **D02D32**, and if you desaturate by 10%, it is **D0575A**.

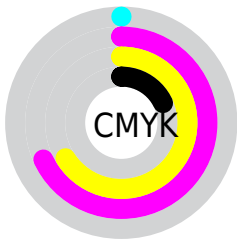
# Distribution



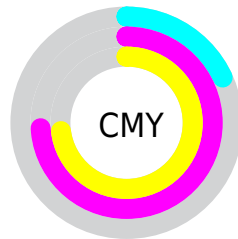
- Red (82%)
- Green (26%)
- Blue (27%)



- Red (82%)
- Yellow (26%)
- Blue (27%)



- Cyan (0%)
- Magenta (68%)
- Yellow (66%)
- Black (18%)



- Cyan (18%)
- Magenta (74%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04246 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 D04246 by changing the saturation by 10% instead.



 D04246

 D04246

FFFFFF

 B12330

 FF7A76

 92001B

 FF9690

 740002

 FFB2AB

 560000

 FFCFC6

 3B0002

 FFECE2

 150000

 000000

 D04246

 D04246

 D02D32

 D0575A

 D0181E

 D06C6E

 D00409

 D08083

 D00006

 D09597

 D0AAAB

 D0BFBF

 D0D4D3

 D0E8E8

 D0FDFC

# Harmonies

## Analogous

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



D0397B



D04246



B85B12

# Triad

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



D04246



008938



007DE1

# Complementary

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



D04246



42D0CC

# 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.



0088D0



D04246



008D70

# Square

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



D04246



5B8000



008DA6



6A68D5

# Rectangle

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



D04246



9F6B00



008DA6



0081DE



# Sweetspot

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



D04246



FFCCCD



CB42D0



806162



000000



808080



# Same Dimension

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



D04246



FF2E34



D08442



695E5E



A80005



290001



# Inverse Universe

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



D04246



FF2E34



428ED0



695E5E



A80005

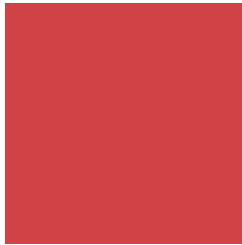


290001



# Previews

## White Background



This preview shows how the Hex color D04246 looks on a white background.

## Color Contrast Check

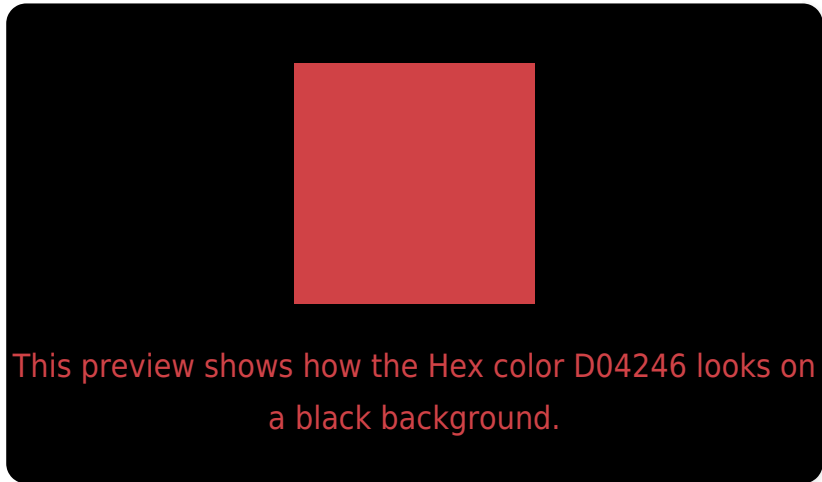
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 D04246 Background



This preview shows how black text looks on a background with the Hex color D04246.

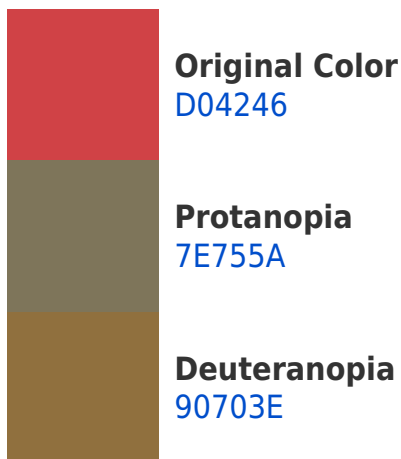


This preview shows how white text looks on a background with the Hex color D04246.

# Color Blindness Simulation

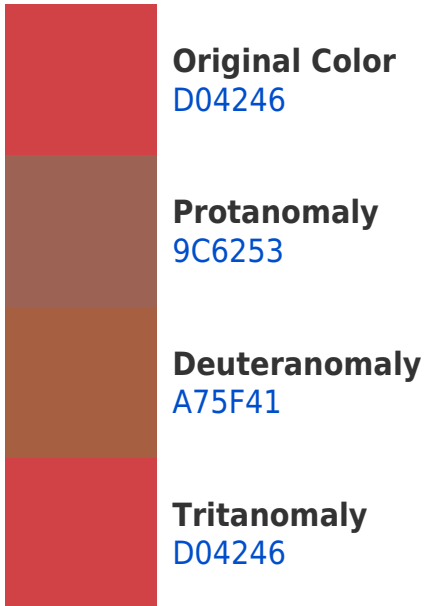
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

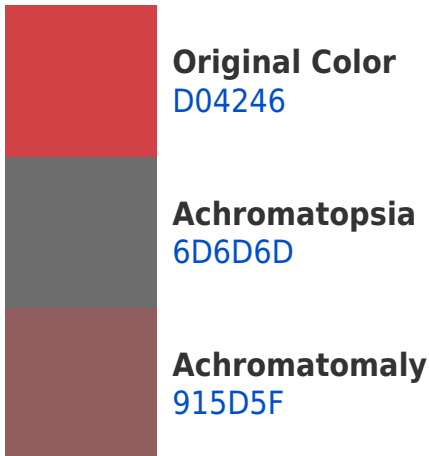




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04246 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 #D04246 looks like.

```
.text, #text, p{  
    color:#D04246  
}
```

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 #D04246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04246
}
```

## Border

The CSS property to change the border of an element to Hex D04246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

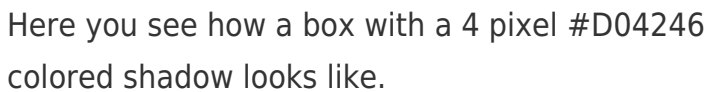
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D04246 }
```

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

```
.border{ border-color:#D04246 }
```

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



Here you see how a box with a 4 pixel #D04246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04246; -webkit-box-shadow:4px 4px  
4px 4px #D04246; box-shadow:4px 4px 4px  
4px #D04246 }
```

# Background

The CSS property to change the background color of an element to Hex D04246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04246 }
```

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

```
.background{ background-color:#D04246 }
```

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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