

Converting Colors

Hex(D04100)

Have a look what the booklet for
Hex(D04100) contains.

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Color

Hex(D04100)

Conversions

Conversions Part 1

Format	Color
Hex	D04100
RGB	208, 65, 0
RGB Percent	82%, 25%, 0%
CMY	0.1843, 0.7451, 1.0000
CMYK	0.00, 0.69, 1.00, 0.18
HSL	19°, 100%, 41%
HSV	19°, 100%, 82%
XYZ	27.9027, 17.1905, 1.8475
YIQ	100.3470, 106.0930, 10.1010

Conversions

Conversions Part 2

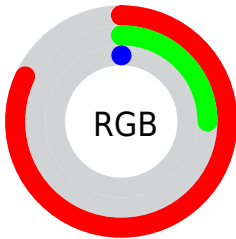
Format	Color
RYB	208, 95, 0
Decimal	13648128
CIELab	48.50, 54.29, 59.81
CIElCh	48, 80.779, 47.769
Yxy	17.1905, 0.5944, 0.3662
Android (android.graphics.Color)	4291838208 (0xFFD04100)
YUV	100.3470, -49.4711, 94.4117
Hunter-Lab	41.4614, 47.5695, 26.3811

Details

The Hex color **D04100** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **008FD0**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF783B**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D04100**, and if you desaturate by 10%, it is **D04F15**.

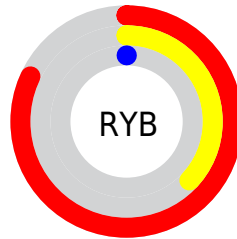
Distribution



Red (82%)

Green (25%)

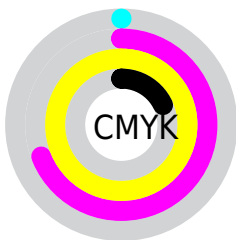
Blue (0%)



Red (82%)

Yellow (37%)

Blue (0%)

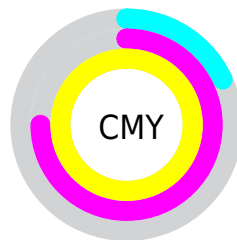


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D04100 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 D04100 by changing the saturation by 10% instead.

 D04100

 D04100

 FFFFFFF9

 B02300

 FF783B

 900000

 FF9454

 710000

 FFB06E

 530000

 FFCD89

 380002

 FFEAA4

 0C0000

 FFFFBF

 000000

 FFFFDC

 D04100

 D04F15

 D05E2A

 D06C3E

 D07A53

 D08968

 D0977D

 D0A592

 D0B3A6

 D0C2BB

Harmonies

Analogous

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



E6004E



D04100



A36600

Triad

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



D04100



008E54



006EF8

Complementary

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



D04100



008FD0

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.



0084FB



D04100



008F9B

Square

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



D04100



008800



008DD8



A548D0

Rectangle

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



D04100



7D7600



008DD8



0077FD

Sweetspot

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



D04100



FFCAB3



D00092



806052



000000



808080

Same Dimension

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



D04100



FF5000



D0A600



69615E



A83500



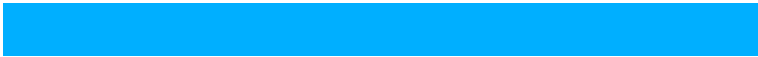
290D00

Inverse Universe

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



008FD0



00AFFF



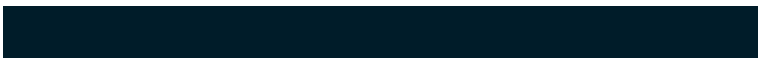
002AD0



5E6569



0074A8



001C29

Previews

White Background



This preview shows how the Hex color D04100 looks on a white background.

Color Contrast Check

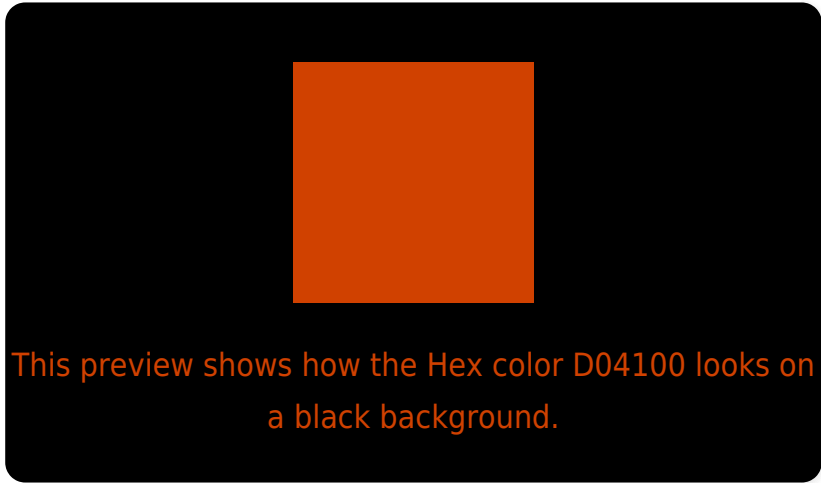
Large Text (above 18pt) WCAG AA ✓ Pass

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 D04100 Background



This preview shows how black text looks on a background with the Hex color D04100.



This preview shows how white text looks on a background with the Hex color D04100.

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
D04100

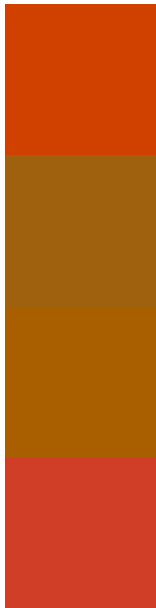
Protanopia
837416

Deuteranopia
926E00



Tritanopia
D13D3F

Trichromacy



Original Color
D04100

Protanomaly
9F610E

Deuteranomaly
A95E00

Tritanomaly
D13E28

Monochromacy



Original Color
D04100

Achromatopsia
646464

Achromatomaly
8B5740

CSS Examples

Text

The CSS property to change the color of the text to Hex D04100 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 #D04100 looks like.

```
.text, #text, p{  
    color:#D04100  
}
```

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 #D04100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04100
}
```

Border

The CSS property to change the border of an element to Hex D04100 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
#D04100 }
```

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

```
.border{ border-color:#D04100 }
```

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

Here you see how a box with a 4 pixel #D04100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04100; -webkit-box-shadow:4px 4px  
4px 4px #D04100; box-shadow:4px 4px 4px  
4px #D04100 }
```

Background

The CSS property to change the background color of an element to Hex D04100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04100 }
```

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

```
.background{ background-color:#D04100 }
```

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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