

Converting Colors

Hex(DF3100)

Have a look what the booklet for
Hex(DF3100) contains.

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Color

Hex(DF3100)

Conversions

Conversions Part 1

Format	Color
Hex	DF3100
RGB	223, 49, 0
RGB Percent	87%, 19%, 0%
CMY	0.1255, 0.8078, 1.0000
CMYK	0.00, 0.78, 1.00, 0.13
HSL	13°, 100%, 44%
HSV	13°, 100%, 87%
XYZ	31.5297, 17.8846, 1.7903
YIQ	95.4400, 119.4330, 21.6490

Conversions

Conversions Part 2

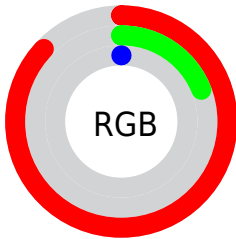
Format	Color
RYB	223, 63, 0
Decimal	14627072
CIELab	49.36, 64.42, 61.83
CIELCh	49, 89.286, 43.824
Yxy	17.8846, 0.6158, 0.3493
Android (android.graphics.Color)	4292817152 (0xFFDF3100)
YUV	95.4400, -47.0519, 111.8701
Hunter-Lab	42.2902, 59.0741, 27.0932

Details

The Hex color **DF3100** 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 **00AEDF**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6E3A**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **DF3100**, and if you desaturate by 10%, it is **DF4216**.

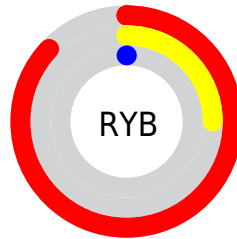
Distribution



Red (87%)

Green (19%)

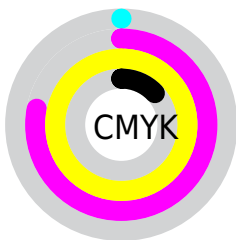
Blue (0%)



Red (87%)

Yellow (25%)

Blue (0%)

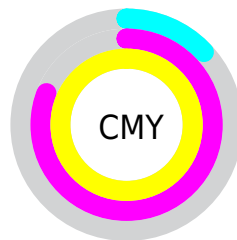


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF3100 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 DF3100 by changing the saturation by 10% instead.

 DF3100

 DF3100

 FFFFF8

 BE0000

 FF6E3A

 9E0000

 FF8B53

 7E0000

 FFA76D

 5E0000

 FFC488

 420003

 FFE2A3

 200001

 FFFFBE

 000000

 FFFFDB

 DF3100

 DF4216

 DF542D

 DF6543

 DF7759

 DF8870

 DF9986

 DFAB9C

 DFBCB2

 DFCEC9

Harmonies

Analogous

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



F40057



DF3100



B06200

Triad

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



DF3100



009148



0074FF

Complementary

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



DF3100



00AEDF

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.



008AFF



DF3100



009498

Square

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



DF3100



008B00



0093DE



9F4AE5

Rectangle

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



DF3100



877600



0093DE



007DFF

Sweetspot

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



DF3100



FFC3B3



DF00AF



805C52



000000



808080

Same Dimension

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



DF3100



FF3800



DFA000



706765



B02700



300B00

Inverse Universe

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



00AEDF



00C7FF



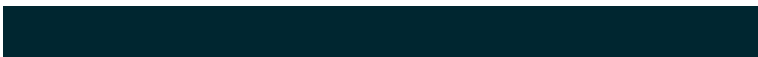
003FDF



656E70



0089B0



002630

Previews

White Background



This preview shows how the Hex color DF3100 looks on a white background.

Color Contrast Check

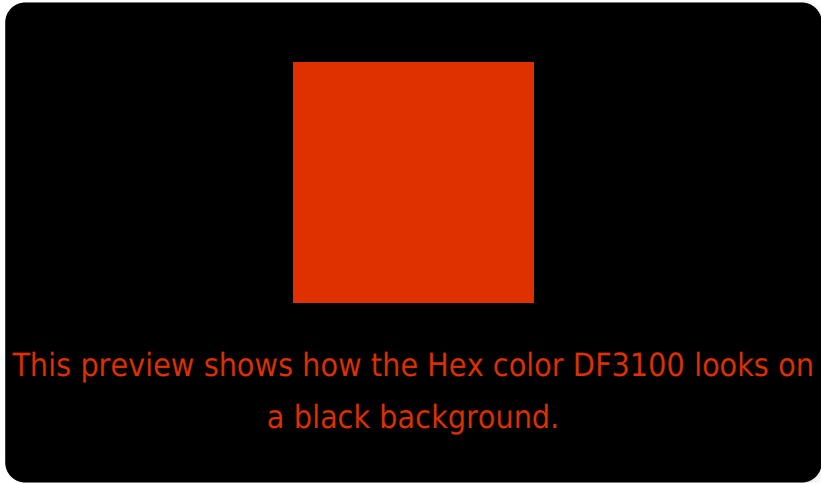
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF3100 Background



This preview shows how black text looks on a background with the Hex color DF3100.



This preview shows how white text looks on a background with the Hex color DF3100.

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



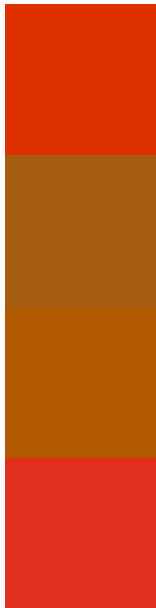
Original Color
DF3100

Protanopia
85761A

Deuteranopia
957000



Trichromacy



Original Color
DF3100

Protanomaly
A65D11

Deuteranomaly
B05900

Tritanomaly
E02F1D

Monochromacy



Original Color
DF3100

Achromatopsia
5F5F5F

Achromatomaly
8E4E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex DF3100 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 #DF3100 looks like.

```
.text, #text, p{  
    color:#DF3100  
}
```

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 #DF3100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF3100 }  
}
```

Border

The CSS property to change the border of an element to Hex DF3100 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 #DF3100 }  
}
```

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

```
.border{ border-color:#DF3100 }
```

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

Here you see how a box with a 4 pixel #DF3100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF3100; -webkit-box-shadow:4px 4px  
4px 4px #DF3100; box-shadow:4px 4px 4px  
4px #DF3100 }
```

Background

The CSS property to change the background color of an element to Hex DF3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF3100 }
```

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

```
.background{ background-color:#DF3100 }
```

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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