

Converting Colors

Hex(DF2600)

Have a look what the booklet for
Hex(DF2600) contains.

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Color

Hex(DF2600)

Conversions

Conversions Part 1

Format	Color
Hex	DF2600
RGB	223, 38, 0
RGB Percent	87%, 15%, 0%
CMY	0.1255, 0.8510, 1.0000
CMYK	0.00, 0.83, 1.00, 0.13
HSL	10°, 100%, 44%
HSV	10°, 100%, 87%
XYZ	31.1245, 17.0742, 1.6552
YIQ	88.9830, 122.4580, 27.4020

Conversions

Conversions Part 2

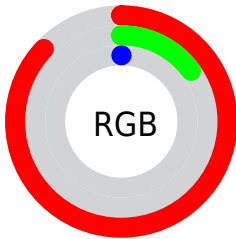
Format	Color
RYB	223, 46, 0
Decimal	14624256
CIELab	48.35, 67.25, 61.41
CIELCh	48, 91.069, 42.402
Yxy	17.0742, 0.6243, 0.3425
Android (android.graphics.Color)	4292814336 (0xFFDF2600)
YUV	88.9830, -43.8686, 117.5329
Hunter-Lab	41.3209, 62.1415, 26.5497

Details

The Hex color **DF2600** 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 **00B9DF**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6739**, and **9D0000** is the 20% darker color. If you saturate the color by 10%, you get **DF2600**, and if you desaturate by 10%, it is **DF3916**.

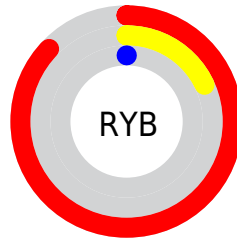
Distribution



Red (87%)

Green (15%)

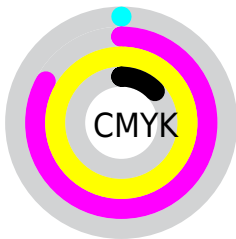
Blue (0%)



Red (87%)

Yellow (18%)

Blue (0%)

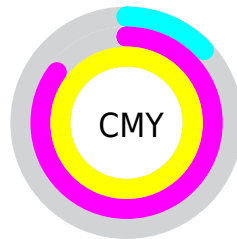


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF2600 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 DF2600 by changing the saturation by 10% instead.

 DF2600

 DF2600

 FFFFFFF6

 BE0000

 FF6739

 9D0000

 FF8452

 7D0000

 FFA16C

 5E0001

 FFBE86

 410003

 FFDCA1

 1F0001

 FFFABD

 000000

 FFFF9D

 DF2600

 DF3916

 DF4B2D

 DF5E43

 DF7059

 DF8370

 DF9586

 DFA89C

 DFBAB2

 DFCDC9

Harmonies

Analogous

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



F30057



DF2600



B05E00

Triad

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



DF2600



008E40



0073FF

Complementary

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



DF2600



00B9DF

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.



0089FF



DF2600



009192

Square

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



DF2600



008800



0090DB



9849E7

Rectangle

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



DF2600



877200



0090DB



007CFF

Sweetspot

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



DF2600



FFC0B3



DF00BA



805952



000000



808080

Same Dimension

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



DF2600



FF2B00



DF9500



706765



B01E00



300800

Inverse Universe

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



00B9DF



00D4FF



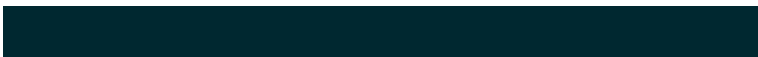
004ADF



656E70



0092B0



002830

Previews

White Background



This preview shows how the Hex color DF2600 looks on a white background.

Color Contrast Check

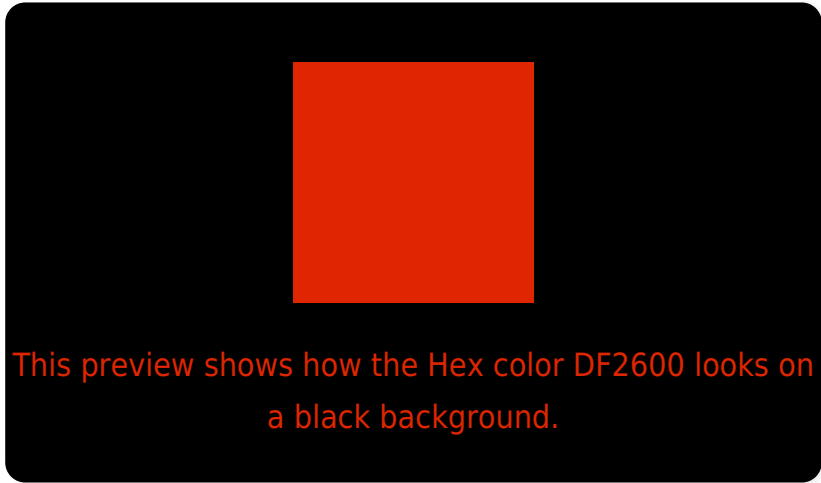
Large Text (above 18pt) WCAG AA ✓ Pass

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 DF2600 Background



This preview shows how black text looks on a background with the Hex color DF2600.



This preview shows how white text looks on a background with the Hex color DF2600.

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
DF2600

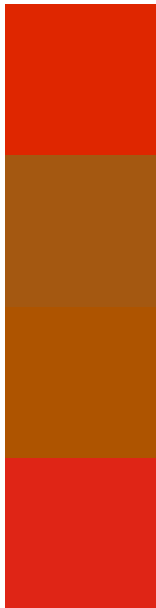
Protanopia
82741B

Deuteranopia
926E00



Tritanopia
DF2422

Trichromacy



Original Color
DF2600

Protanomaly
A45811

Deuteranomaly
AE5400

Tritanomaly
DF2516

Monochromacy



Original Color
DF2600

Achromatopsia
595959

Achromatomaly
8A4639

CSS Examples

Text

The CSS property to change the color of the text to Hex DF2600 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 #DF2600 looks like.

```
.text, #text, p{  
    color:#DF2600  
}
```

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 #DF2600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF2600
}
```

Border

The CSS property to change the border of an element to Hex DF2600 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
#DF2600 }
```

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

```
.border{ border-color:#DF2600 }
```

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

Here you see how a box with a 4 pixel #DF2600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF2600; -webkit-box-shadow:4px 4px  
4px 4px #DF2600; box-shadow:4px 4px 4px  
4px #DF2600 }
```

Background

The CSS property to change the background color of an element to Hex DF2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF2600 }
```

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

```
.background{ background-color:#DF2600 }
```

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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