

Converting Colors

Hex(DC6818)

Have a look what the booklet for
Hex(DC6818) contains.

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Color

Hex(DC6818)

Conversions

Conversions Part 1

Format	Color
Hex	DC6818
RGB	220, 104, 24
RGB Percent	86%, 41%, 9%
CMY	0.1373, 0.5922, 0.9059
CMYK	0.00, 0.53, 0.89, 0.14
HSL	24°, 80%, 48%
HSV	24°, 89%, 86%
XYZ	34.6304, 25.1822, 3.8996
YIQ	129.5640, 94.8160, -0.2880

Conversions

Conversions Part 2

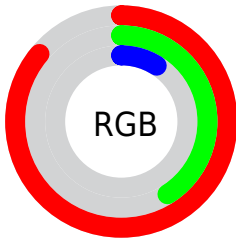
Format	Color
R_{YB}	220, 159, 24
Decimal	14444568
CIE _{Lab}	57.25, 41.37, 60.37
CIE _{LCh}	57, 73.188, 55.578
Yxy	25.1822, 0.5435, 0.3952
Android (android.graphics.Color)	4292634648 (0xFFDC6818)
YUV	129.5640, -52.0431, 79.3124
Hunter-Lab	50.1819, 35.3641, 30.5200

Details

The Hex color **DC6818** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **188CDC**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9D4E**, and **9E3500** is the 20% darker color. If you saturate the color by 10%, you get **DC5B02**, and if you desaturate by 10%, it is **DC752E**.

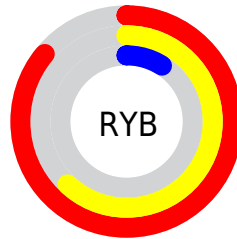
Distribution



Red (86%)

Green (41%)

Blue (9%)



Red (86%)

Yellow (62%)

Blue (9%)

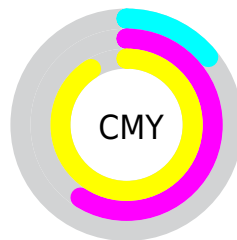


Cyan (0%)

Magenta (53%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC6818 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 DC6818 by changing the saturation by 10% instead.

 DC6818

 DC6818

FFFFFF

 BD4E00

 FF9D4E

 9E3500

 FFB968

 7F1A00

 FFD583

 610000

 FFF29E

 440000

 FFFFBA

 2A0001

 FFFFD6

 000000

 FFFFF3

 DC6818

 DC6818

■ DC5B02

■ DC752E

■ DC5A00

■ DC8244

■ DC8F5A

■ DC9C70

■ DCA986

■ DCB69C

■ DCC3B2

■ DCD0C8

■ DCDDDE

Harmonies

Analogous

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



F74957



DC6818



AE8300

Triad

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



DC6818



00A57E



707DFE

Complementary

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



DC6818



188CDC

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.



0094FF



DC6818



00A6BF

Square

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



DC6818



00A03B



00A1F3



CC5CD3

Rectangle

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



DC6818



879100



00A1F3



2C86FF

Sweetspot

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



DC6818



FFD6BA



DC188E



806757



000000



808080

Same Dimension

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



DC6818



FF6800



DCC818



6E6763



AD4700



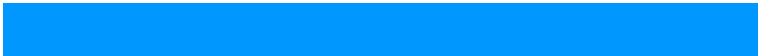
2E1300

Inverse Universe

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



188CDC



0097FF



182CDC



63696E



0067AD



001B2E

Previews

White Background



This preview shows how the Hex color DC6818 looks on a white background.

Color Contrast Check

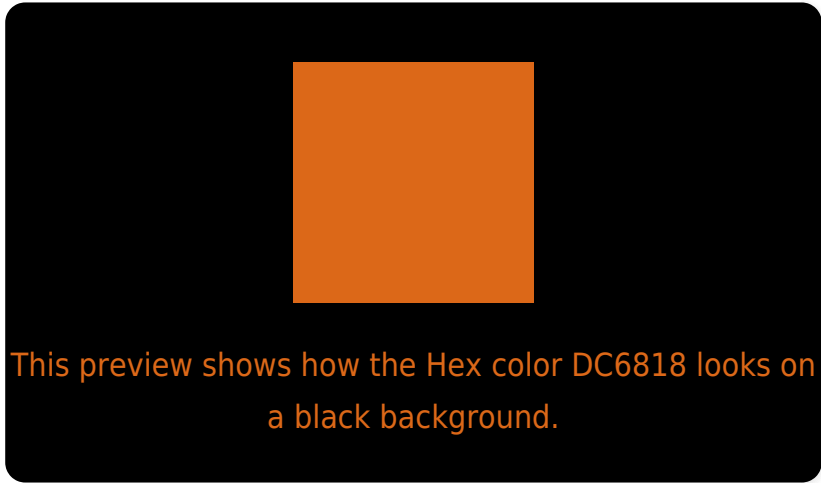
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC6818 Background



This preview shows how black text looks on a background with the Hex color DC6818.



This preview shows how white text looks on a background with the Hex color DC6818.

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
DC6818

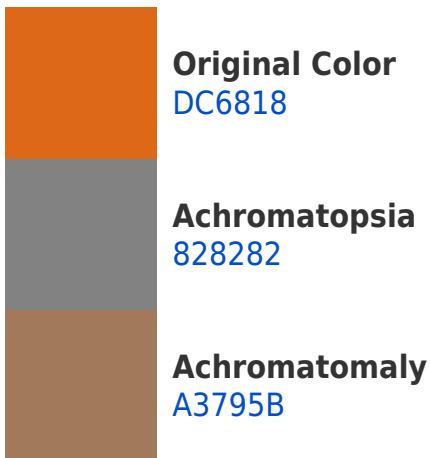
Protanopia
9B8A21

Deuteranopia
AE8300

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC6818 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 #DC6818 looks like.

```
.text, #text, p{  
    color:#DC6818  
}
```

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 #DC6818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC6818  
}
```

Border

The CSS property to change the border of an element to Hex DC6818 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  
#DC6818 }
```

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

```
.border{ border-color:#DC6818 }
```

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

Here you see how a box with a 4 pixel #DC6818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC6818; -webkit-box-shadow:4px 4px  
4px 4px #DC6818; box-shadow:4px 4px 4px  
4px #DC6818 }
```

Background

The CSS property to change the background color of an element to Hex DC6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC6818 }
```

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

```
.background{ background-color:#DC6818 }
```

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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