

Converting Colors

Hex(DC7415)

Have a look what the booklet for
Hex(DC7415) contains.

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Color

Hex(DC7415)

Conversions

Conversions Part 1

Format	Color
Hex	DC7415
RGB	220, 116, 21
RGB Percent	86%, 45%, 8%
CMY	0.1373, 0.5451, 0.9176
CMYK	0.00, 0.47, 0.90, 0.14
HSL	29°, 83%, 47%
HSV	29°, 90%, 86%
XYZ	35.8959, 27.7606, 4.1759
YIQ	136.2660, 92.4790, -7.4970

Conversions

Conversions Part 2

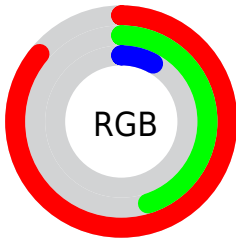
Format	Color
R_{YB}	220, 203, 21
Decimal	14447637
CIE Lab	59.67, 35.24, 63.02
CIE LCh	60, 72.207, 60.785
Yxy	27.7606, 0.5292, 0.4093
Android (android.graphics.Color)	4292637717 (0xFFDC7415)
YUV	136.2660, -56.8261, 73.4347
Hunter-Lab	52.6883, 29.4055, 32.1827

Details

The Hex color **DC7415** 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 **157DDC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA94E**, and **9E4200** is the 20% darker color. If you saturate the color by 10%, you get **DC6900**, and if you desaturate by 10%, it is **DC7F2B**.

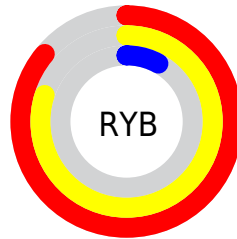
Distribution



Red (86%)

Green (45%)

Blue (8%)



Red (86%)

Yellow (80%)

Blue (8%)

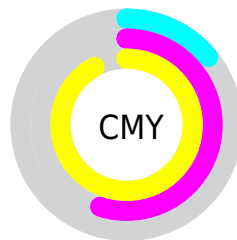


Cyan (0%)

Magenta (47%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC7415 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 DC7415 by changing the saturation by 10% instead.

 DC7415

 DC7415

FFFFFF

 BD5B00

 FFA94E

 9E4200

 FFC568

 802900

 FFE183

 620F00

 FFFE9E

 450000

 FFFFBA

 2D0002

 FFFFD7

 000000

 FFFFF4

 DC7415

 DC7415

■ DC6900

■ DC7F2B

■ DC8B41

■ DC9657

■ DCA26D

■ DCAD83

■ DCB999

■ DCC4AF

■ DCD0C5

■ DCDBDB

Harmonies

Analogous

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



FA5753



DC7415



AB8E00

Triad

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



DC7415



00AC90



8E7EFE

Complementary

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



DC7415



157DDC

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.



0097FF



DC7415



00ACCF

Square

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



DC7415



00A84E



00A6FF



DC5ECF

Rectangle

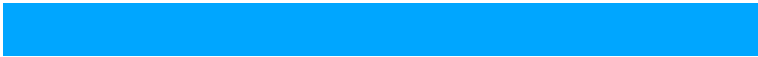
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC7415



839A00



00A6FF



6187FF

Sweetspot

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



DC7415



FFDBBA



DC157F



806A57



000000



808080

Same Dimension

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



DC7415



FF7A00



DCD515



6E6863



AD5300



2E1600

Inverse Universe

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



157DDC



0085FF



151CDC



63686E



005BAD



00182E

Previews

White Background



This preview shows how the Hex color DC7415 looks on a white background.

Color Contrast Check

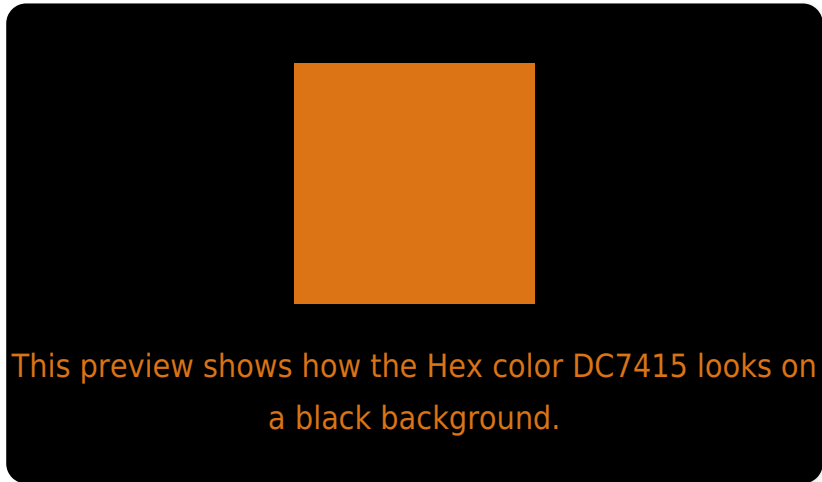
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC7415 Background



This preview shows how black text looks on a background with the Hex color DC7415.



This preview shows how white text looks on a background with the Hex color DC7415.

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
DC7415

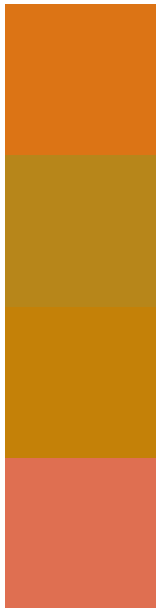
Protanopia
A2911D

Deuteranopia
B68900



Tritanopia
E06C74

Trichromacy



Original Color
DC7415

Protanomaly
B7861A

Deuteranomaly
C48108

Tritanomaly
DF6F51

Monochromacy



Original Color
DC7415

Achromatopsia
888888

Achromatomaly
A7815E

CSS Examples

Text

The CSS property to change the color of the text to Hex DC7415 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 #DC7415 looks like.

```
.text, #text, p{  
    color:#DC7415  
}
```

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 #DC7415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7415
}
```

Border

The CSS property to change the border of an element to Hex DC7415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

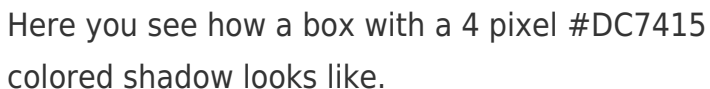
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DC7415 }
```

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

```
.border{ border-color:#DC7415 }
```

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



Here you see how a box with a 4 pixel #DC7415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7415; -webkit-box-shadow:4px 4px  
4px 4px #DC7415; box-shadow:4px 4px 4px  
4px #DC7415 }
```

Background

The CSS property to change the background color of an element to Hex DC7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7415 }
```

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

```
.background{ background-color:#DC7415 }
```

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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