

# Converting Colors

Hex(DC4715)

Have a look what the booklet for  
Hex(DC4715) contains.

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**Color**

**Hex(DC4715)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC4715
RGB	220, 71, 21
RGB Percent	86%, 28%, 8%
CMY	0.1373, 0.7216, 0.9176
CMYK	0.00, 0.68, 0.90, 0.14
HSL	15°, 83%, 47%
HSV	15°, 90%, 86%
XYZ	31.9038, 19.7763, 2.8452
YIQ	109.8510, 104.8540, 16.0380

# Conversions

## Conversions Part 2

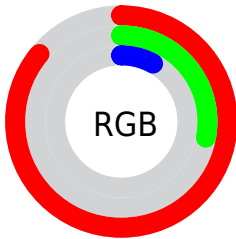
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 88, 21
Decimal	14436117
CIE Lab	51.58, 56.18, 57.17
CIE LCh	52, 80.156, 45.503
Yxy	19.7763, 0.5851, 0.3627
Android (android.graphics.Color)	4292626197 (0xFFDC4715)
YUV	109.8510, -43.8035, 96.6007
Hunter-Lab	44.4705, 50.2351, 27.3361

# Details

The Hex color **DC4715** 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 **15AADC**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7F48**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DC3700**, and if you desaturate by 10%, it is **DC572B**.

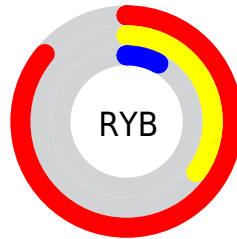
# Distribution



Red (86%)

Green (28%)

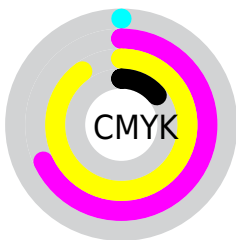
Blue (8%)



Red (86%)

Yellow (35%)

Blue (8%)

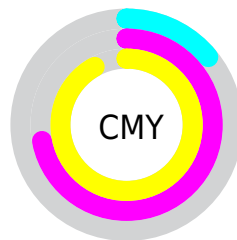


Cyan (0%)

Magenta (68%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (72%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC4715 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 DC4715 by changing the saturation by 10% instead.



 DC4715

 DC4715

FFFFFF

 BC2900

 FF7F48

 9C0000

 FF9B62

 7D0000

 FFB77C

 5E0000

 FFD496

 420002

 FFF1B2

 220001

 FFFFCE

 000000

 FFFFEA

 DC4715

 DC4715

■ DC3700

■ DC572B

■ DC6841

■ DC7857

■ DC896D

■ DC9983

■ DCAA99

■ DCBAAF

■ DCCBC5

■ DCDBDB

# Harmonies

## Analogous

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



F0145B



DC4715



B06C00

# Triad

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



DC4715



009656



0078FF

# Complementary

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



DC4715



15AADC

# 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.



008DFF



DC4715



00989E

# Square

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



DC4715



009000



0096DC



A854DC

# Rectangle

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



DC4715



8A7C00



0096DC



0080FF



# Sweetspot

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



DC4715



FFCBBA



DC15AA



806157



000000



808080



# Same Dimension

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



DC4715



FF4000



DCAA15



6E6563



AD2C00



2E0C00



# Inverse Universe

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



15AADC



00BFFF



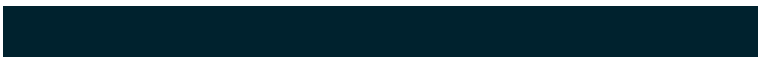
1547DC



636B6E



0082AD



00222E



# Previews

## White Background



This preview shows how the Hex color DC4715 looks on a white background.

## Color Contrast Check

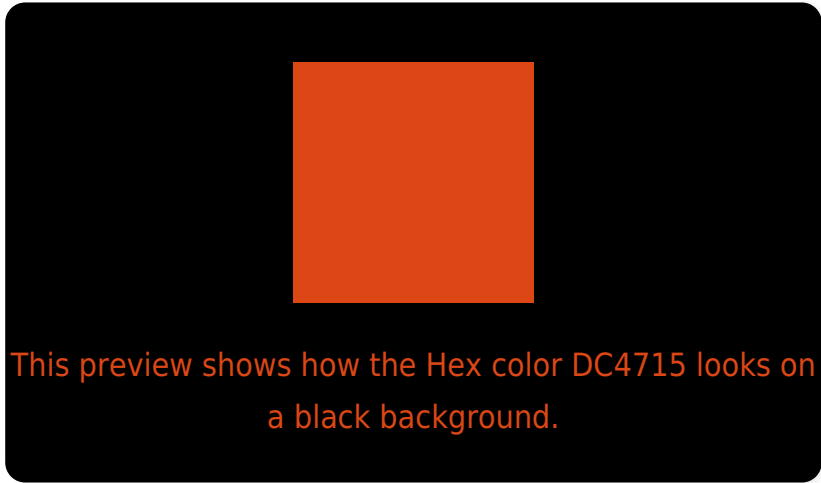
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC4715 Background



This preview shows how black text looks on a background with the Hex color DC4715.



This preview shows how white text looks on a background with the Hex color DC4715.

# 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**  
DC4715

**Protanopia**  
8B7C22

**Deuteranopia**  
9C7500



# Trichromacy



**Original Color**  
DC4715

**Protanomaly**  
A8691D

**Deuteranomaly**  
B36408

**Tritanomaly**  
DD4434

# Monochromacy



**Original Color**  
DC4715

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
96604E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC4715 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 #DC4715 looks like.

```
.text, #text, p{  
    color:#DC4715  
}
```

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 #DC4715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC4715
}
```

## Border

The CSS property to change the border of an element to Hex DC4715 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
#DC4715 }
```

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

```
.border{ border-color:#DC4715 }
```

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

Here you see how a box with a 4 pixel #DC4715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC4715; -webkit-box-shadow:4px 4px  
4px 4px #DC4715; box-shadow:4px 4px 4px  
4px #DC4715 }
```

# Background

The CSS property to change the background color of an element to Hex DC4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC4715 }
```

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

```
.background{ background-color:#DC4715 }
```

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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