

# Converting Colors

Hex(D84516)

Have a look what the booklet for  
Hex(D84516) contains.

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**Color**

**Hex(D84516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D84516
RGB	216, 69, 22
RGB Percent	85%, 27%, 9%
CMY	0.1529, 0.7294, 0.9137
CMYK	0.00, 0.68, 0.90, 0.15
HSL	15°, 82%, 47%
HSV	15°, 90%, 85%
XYZ	30.5918, 18.9131, 2.7973
YIQ	107.5950, 102.6990, 16.5470

# Conversions

## Conversions Part 2

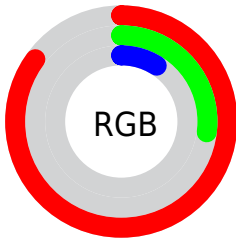
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 84, 22
Decimal	14173462
CIE <sub>Lab</sub>	50.59, 55.65, 55.79
CIE <sub>LCh</sub>	51, 78.799, 45.071
Yxy	18.9131, 0.5849, 0.3616
Android (android.graphics.Color)	4292363542 (0xFFD84516)
YUV	107.5950, -42.1983, 95.0712
Hunter-Lab	43.4892, 49.4571, 26.6288

# Details

The Hex color **D84516** 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 **16A9D8**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7D49**, and **980000** is the 20% darker color. If you saturate the color by 10%, you get **D83500**, and if you desaturate by 10%, it is **D8552C**.

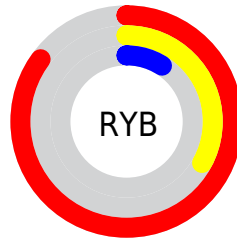
# Distribution



Red (85%)

Green (27%)

Blue (9%)



Red (85%)

Yellow (33%)

Blue (9%)

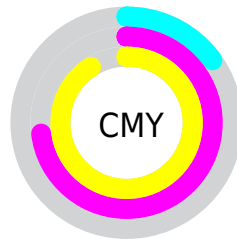


Cyan (0%)

Magenta (68%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (73%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D84516 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 D84516 by changing the saturation by 10% instead.



 D84516

 D84516

FFFFFF

 B82700

 FF7D49

 980000

 FF9862

 790000

 FFB57C

 5A0000

 FFD196

 3F0002

 FFEFB2

 1C0001

 FFFFCE

 000000

 FFFFEA

 D84516

 D84516

 D83500

 D8552C

 D83400

 D86641

 D87657

 D8866C

 D89782

 D8A798

 D8B8AD

 D8C8C3

 D8D8D8

# Harmonies

## Analogous

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



EB145A



D84516



AD6900

# Triad

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



D84516



009353



0076FC

# Complementary

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



D84516



16A9D8

# 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.



008AFC



D84516



00959A

# Square

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



D84516



008D00



0093D7



A353D9

# Rectangle

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



D84516



887A00



0093D7



007EFF



# Sweetspot

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



D84516



FFCBBA



D816AB



806157



000000



808080



# Same Dimension

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



D84516



FF3E00



D8A416



6B6360



AB2900



2B0B00

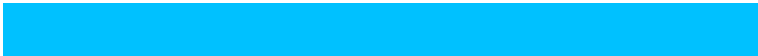


# Inverse Universe

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



16A9D8



00C1FF



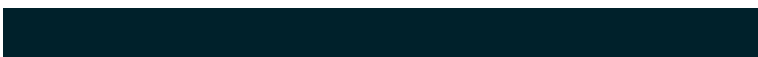
164AD8



60696B



0081AB



00212B



# Previews

## White Background



This preview shows how the Hex color D84516 looks on a white background.

## Color Contrast Check

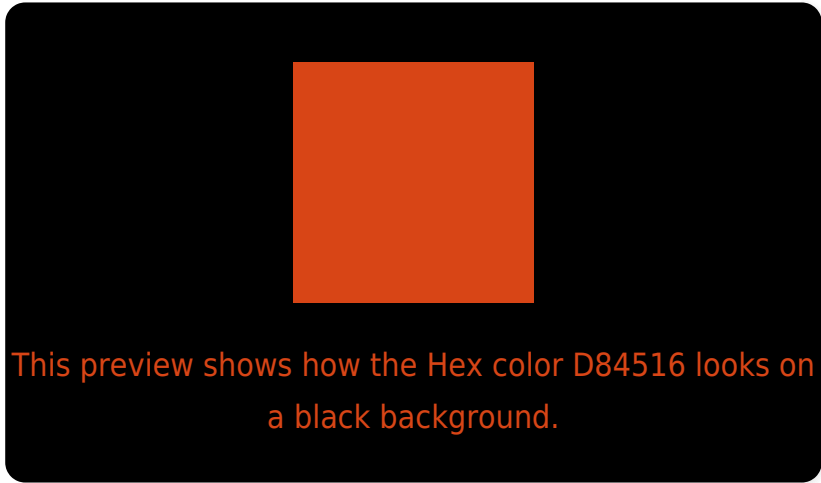
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84516 Background



This preview shows how black text looks on a background with the Hex color D84516.



This preview shows how white text looks on a background with the Hex color D84516.

# 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**  
D84516

**Protanopia**  
887923

**Deuteranopia**  
997300



**Tritanopia**  
D94144

# Trichromacy



**Original Color**  
D84516

**Protanomaly**  
A5661E

**Deuteranomaly**  
B06208

**Tritanomaly**  
D94233

# Monochromacy



**Original Color**  
D84516

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
935E4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D84516 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 #D84516 looks like.

```
.text, #text, p{  
    color:#D84516  
}
```

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 #D84516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84516
}
```

## Border

The CSS property to change the border of an element to Hex D84516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

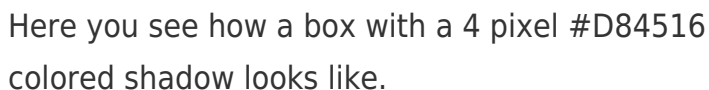
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D84516 }
```

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

```
.border{ border-color:#D84516 }
```

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



Here you see how a box with a 4 pixel #D84516 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84516; -webkit-box-shadow:4px 4px  
4px 4px #D84516; box-shadow:4px 4px 4px  
4px #D84516 }
```

# Background

The CSS property to change the background color of an element to Hex D84516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84516 }
```

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

```
.background{ background-color:#D84516 }
```

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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