

# Converting Colors

Hex(D44215)

Have a look what the booklet for  
Hex(D44215) contains.

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**Color**

**Hex(D44215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D44215
RGB	212, 66, 21
RGB Percent	83%, 26%, 8%
CMY	0.1686, 0.7412, 0.9176
CMYK	0.00, 0.69, 0.90, 0.17
HSL	14°, 82%, 46%
HSV	14°, 90%, 83%
XYZ	29.2349, 17.9476, 2.6329
YIQ	104.5240, 101.4610, 16.9570

# Conversions

## Conversions Part 2

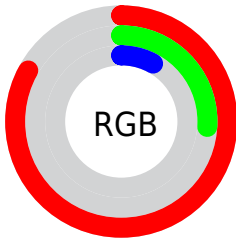
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 80, 21
Decimal	13910549
CIE Lab	49.43, 55.48, 54.98
CIE LCh	49, 78.106, 44.742
Yxy	17.9476, 0.5869, 0.3603
Android (android.graphics.Color)	4292100629 (0xFFD44215)
YUV	104.5240, -41.1773, 94.2565
Hunter-Lab	42.3646, 49.0410, 25.9705

# Details

The Hex color **D44215** 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 **15A7D4**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7A48**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D43200**, and if you desaturate by 10%, it is **D4522A**.

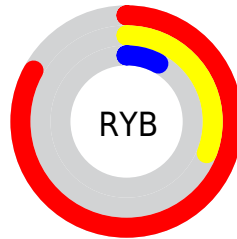
# Distribution



Red (83%)

Green (26%)

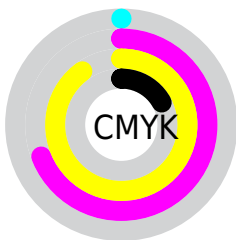
Blue (8%)



Red (83%)

Yellow (31%)

Blue (8%)

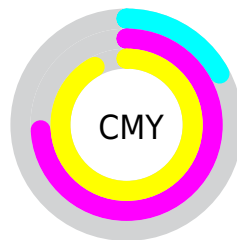


Cyan (0%)

Magenta (69%)

Yellow (90%)

Black (17%)



Cyan (17%)

Magenta (74%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D44215 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 D44215 by changing the saturation by 10% instead.



 D44215

 D44215

FFFFFF

 B42300

 FF7A48

 950000

 FF9561

 750000

 FFB27A

 570000

 FFCE95

 3C0003

 FFEBB0

 160000

 FFFFCC

 000000

 FFFFEE9

 D44215

 D44215

 D43200

 D4522A

 D4623F

 D47355

 D4836A

 D4937F

 D4A394

 D4B3A9

 D4C4BF

 D4D4D4

# Harmonies

## Analogous

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



E70E58



D44215



AA6600

# Triad

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



D44215



008F50



0073F8

# Complementary

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



D44215



15A7D4

# 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.



0087F7



D44215



009196

# Square

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



D44215



008900



0090D3



9E51D5

# Rectangle

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



D44215



867600



0090D3



007BFC



# Sweetspot

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



D44215



FFCABA



D415A7



806057



000000



808080



# Same Dimension

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



D44215



FF3C00



D4A115



6B6360



AB2800



2B0A00



# Inverse Universe

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



15A7D4



00C3FF



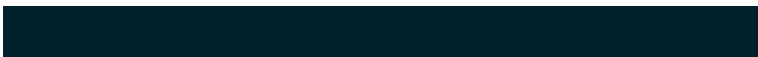
1548D4



60696B



0083AB



00212B



# Previews

## White Background



This preview shows how the Hex color D44215 looks on a white background.

## Color Contrast Check

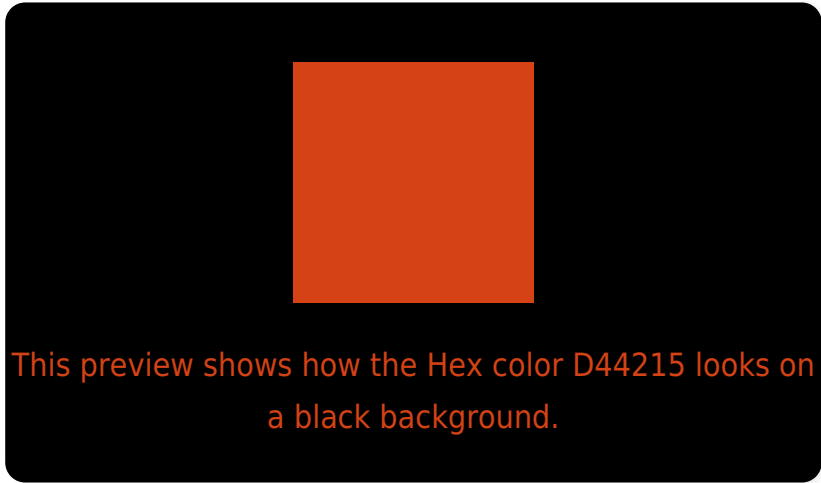
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 D44215 Background



This preview shows how black text looks on a background with the Hex color D44215.



This preview shows how white text looks on a background with the Hex color D44215.

# 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**  
D44215

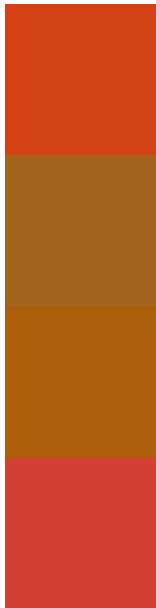
**Protanopia**  
857622

**Deuteranopia**  
957000



**Tritanopia**  
D53E41

# Trichromacy



**Original Color**  
D44215

**Protanomaly**  
A2631D

**Deuteranomaly**  
AC5F08

**Tritanomaly**  
D53F31

# Monochromacy



**Original Color**  
D44215

**Achromatopsia**  
696969

**Achromatomaly**  
905B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D44215 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 #D44215 looks like.

```
.text, #text, p{  
    color:#D44215  
}
```

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 #D44215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D44215
}
```

## Border

The CSS property to change the border of an element to Hex D44215 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".

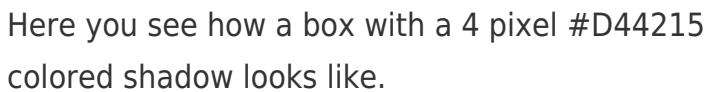
```
.border, #border, table{ border:4px solid
#D44215 }
```

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

```
.border{ border-color:#D44215 }
```

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

Here you see how a box with a 4 pixel #D44215 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D44215; -webkit-box-shadow:4px 4px  
4px 4px #D44215; box-shadow:4px 4px 4px  
4px #D44215 }
```

# Background

The CSS property to change the background color of an element to Hex D44215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D44215 }
```

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

```
.background{ background-color:#D44215 }
```

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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