

Converting Colors

Hex(DA5116)

Have a look what the booklet for
Hex(DA5116) contains.

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Color

Hex(DA5116)

Conversions

Conversions Part 1

Format	Color
Hex	DA5116
RGB	218, 81, 22
RGB Percent	85%, 32%, 9%
CMY	0.1451, 0.6824, 0.9137
CMYK	0.00, 0.63, 0.90, 0.15
HSL	18°, 82%, 47%
HSV	18°, 90%, 85%
XYZ	32.0007, 20.8482, 3.0965
YIQ	115.2370, 100.5910, 10.6950

Conversions

Conversions Part 2

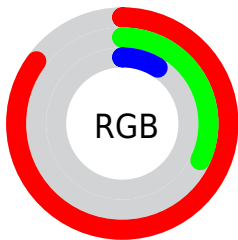
Format	Color
RYB	218, 106, 22
Decimal	14307606
CIELab	52.78, 51.36, 57.54
CIElCh	53, 77.130, 48.250
Yxy	20.8482, 0.5720, 0.3727
Android (android.graphics.Color)	4292497686 (0xFFDA5116)
YUV	115.2370, -45.9658, 90.1232
Hunter-Lab	45.6598, 45.1970, 27.9410

Details

The Hex color **DA5116** 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 **169FDA**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF874A**, and **9B1500** is the 20% darker color. If you saturate the color by 10%, you get **DA4200**, and if you desaturate by 10%, it is **DA602C**.

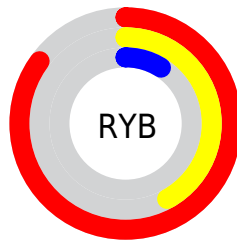
Distribution



Red (85%)

Green (32%)

Blue (9%)



Red (85%)

Yellow (42%)

Blue (9%)

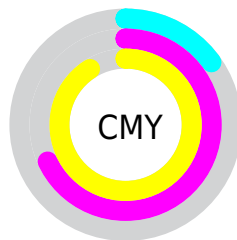


Cyan (0%)

Magenta (63%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA5116 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 DA5116 by changing the saturation by 10% instead.

 DA5116

 DA5116

FFFFFF

 BA3500

 FF874A

 9B1500

 FFA364

 7B0000

 FFBF7E

 5D0000

 FFDC98

 410001

 FFF9B4

 220001

 FFFFD0

 000000

 FFFFED

 DA5116

 DA5116

■ DA4200

■ DA602C

■ DA6F42

■ DA7F57

■ DA8E6D

■ DA9D83

■ DAAC99

■ DABCAF

■ DACBC4

■ DADADA

Harmonies

Analogous

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



F02A59



DA5116



AE7200

Triad

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



DA5116



009961



1D78FE

Complementary

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



DA5116



169FDA

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.



008EFF



DA5116



009BA6

Square

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



DA5116



009314



0098E1



B155D7

Rectangle

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



DA5116



888100



0098E1



0081FF

Sweetspot

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



DA5116



FFCFBA



DA169F



806357



000000



808080

Same Dimension

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



DA5116



FF4D00



DAB316



6E6663



AD3400



2E0E00

Inverse Universe

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



169FDA



00B2FF



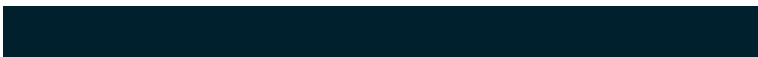
163DDA



636A6E



0079AD



00202E

Previews

White Background



This preview shows how the Hex color DA5116 looks on a white background.

Color Contrast Check

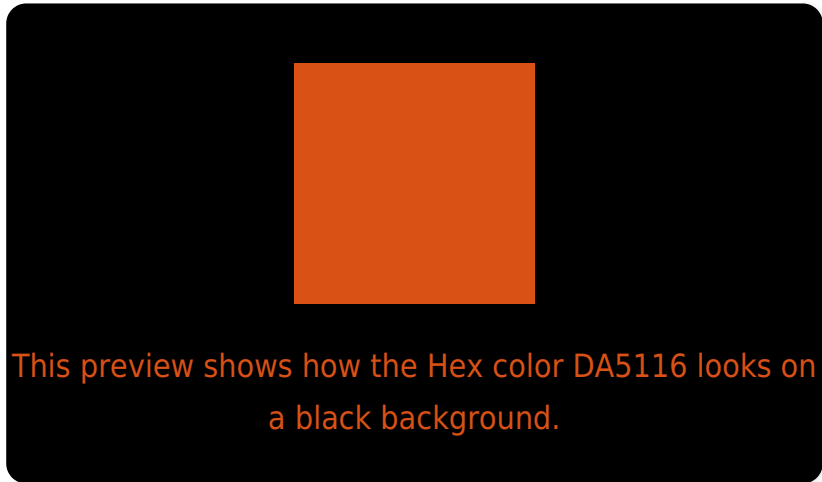
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA5116 Background



This preview shows how black text looks on a background with the Hex color DA5116.



This preview shows how white text looks on a background with the Hex color DA5116.

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

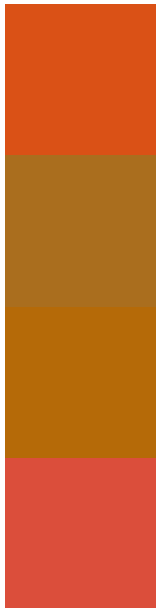


Original Color
DA5116

Protanopia
8E7F22

Deuteranopia
A07800

Trichromacy



Original Color
DA5116

Protanomaly
AA6E1E

Deuteranomaly
B56A08

Tritanomaly
DB4E3B

Monochromacy



Original Color
DA5116

Achromatopsia
737373

Achromatomaly
986751

CSS Examples

Text

The CSS property to change the color of the text to Hex DA5116 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 #DA5116 looks like.

```
.text, #text, p{  
    color:#DA5116  
}
```

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 #DA5116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA5116
}
```

Border

The CSS property to change the border of an element to Hex DA5116 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
#DA5116 }
```

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

```
.border{ border-color:#DA5116 }
```

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

Here you see how a box with a 4 pixel #DA5116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA5116; -webkit-box-shadow:4px 4px  
4px 4px #DA5116; box-shadow:4px 4px 4px  
4px #DA5116 }
```

Background

The CSS property to change the background color of an element to Hex DA5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA5116 }
```

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

```
.background{ background-color:#DA5116 }
```

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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