

Converting Colors

Hex(DA5301)

Have a look what the booklet for
Hex(DA5301) contains.

Hex(DA5301)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DA5301)

Conversions

Conversions Part 1

Format	Color
Hex	DA5301
RGB	218, 83, 1
RGB Percent	85%, 33%, 0%
CMY	0.1451, 0.6745, 0.9961
CMYK	0.00, 0.62, 1.00, 0.15
HSL	23°, 99%, 43%
HSV	23°, 100%, 85%
XYZ	32.0122, 21.0941, 2.4131
YIQ	114.0170, 106.7820, 3.1180

Conversions

Conversions Part 2

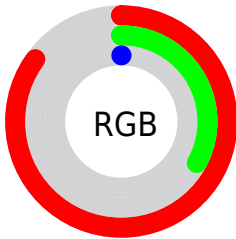
Format	Color
R _Y B	218, 133, 1
Decimal	14308097
CIE Lab	53.05, 50.24, 62.88
CIE LCh	53, 80.484, 51.375
Yxy	21.0941, 0.5766, 0.3799
Android (android.graphics.Color)	4292498177 (0xFFDA5301)
YUV	114.0170, -55.7174, 91.1931
Hunter-Lab	45.9283, 44.0404, 29.0348

Details

The Hex color **DA5301** 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 **0188DA**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF893F**, and **9A1900** is the 20% darker color. If you saturate the color by 10%, you get **DA5200**, and if you desaturate by 10%, it is **DA6117**.

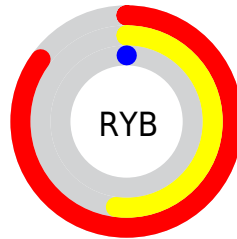
Distribution



Red (85%)

Green (33%)

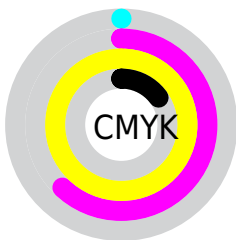
Blue (0%)



Red (85%)

Yellow (52%)

Blue (0%)

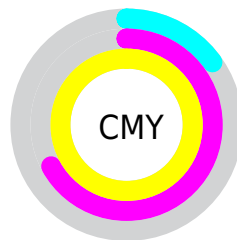


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA5301 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 DA5301 by changing the saturation by 10% instead.

 DA5301

 DA5301

FFFFFF

 BA3800

 FF893F

 9A1900

 FFA559

 7B0000

 FFC173

 5D0000

 FFDD8E

 400001

 FFFBA9

 220001

 FFFFC5

 000000

 FFFF E2

 DA5301

 DA5301

■ DA5200

■ DA6117

■ DA6E2D

■ DA7C42

■ DA8958

■ DA976E

■ DAA484

■ DAB29A

■ DABFAF

■ DACDC5

Harmonies

Analogous

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



F42551



DA5301



AA7500

Triad

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



DA5301



009B68



3975FF

Complementary

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



DA5301



0188DA

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



DA5301



009CB0

Square

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



DA5301



009518



0099EB



BC4FD6

Rectangle

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



DA5301



828400



0099EB



007FFF

Sweetspot

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



DA5301



FFCFB3



DA018A



806352



000000



808080

Same Dimension

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



DA5301



FF6000



DABD01



6E6763



AD4200



2E1100

Inverse Universe

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



0188DA



009FFF



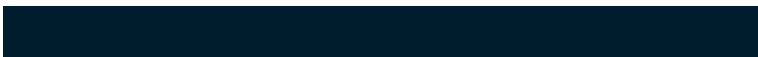
011EDA



636A6E



006CAD



001D2E

Previews

White Background



This preview shows how the Hex color DA5301 looks on a white background.

Color Contrast Check

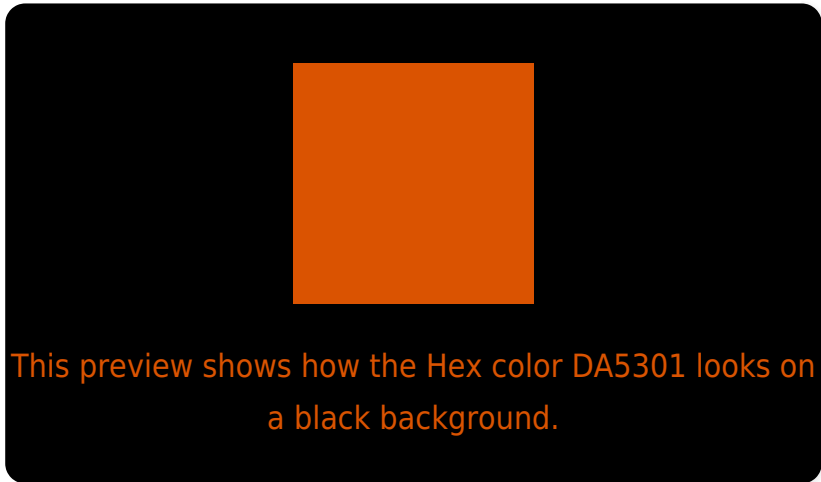
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA5301 Background



This preview shows how black text looks on a background with the Hex color DA5301.



This preview shows how white text looks on a background with the Hex color DA5301.

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

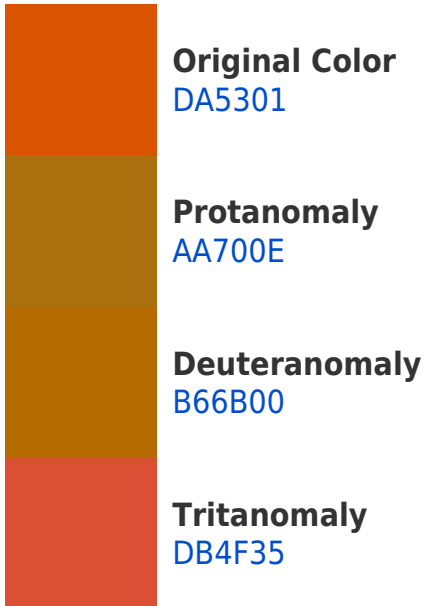


Original Color
DA5301

Protanopia
8F8016

Deuteranopia
A17900

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA5301 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 #DA5301 looks like.

```
.text, #text, p{  
    color:#DA5301  
}
```

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 #DA5301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA5301
}
```

Border

The CSS property to change the border of an element to Hex DA5301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

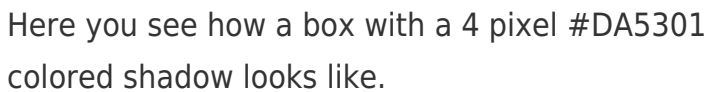
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA5301 }
```

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

```
.border{ border-color:#DA5301 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #DA5301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA5301; -webkit-box-shadow:4px 4px  
4px 4px #DA5301; box-shadow:4px 4px 4px  
4px #DA5301 }
```

Background

The CSS property to change the background color of an element to Hex DA5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA5301 }
```

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

```
.background{ background-color:#DA5301 }
```

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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