

# Converting Colors

Hex(DA5300)

Have a look what the booklet for  
Hex(DA5300) contains.

<b>Hex(DA5300)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DA5300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA5300
RGB	218, 83, 0
RGB Percent	85%, 33%, 0%
CMY	0.1451, 0.6745, 1.0000
CMYK	0.00, 0.62, 1.00, 0.15
HSL	23°, 100%, 43%
HSV	23°, 100%, 85%
XYZ	32.0067, 21.0919, 2.3842
YIQ	113.9030, 107.1030, 2.8070

# Conversions

## Conversions Part 2

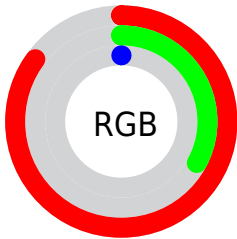
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	218, 134, 0
Decimal	14308096
CIELab	53.05, 50.23, 63.10
CIElCh	53, 80.651, 51.478
Yxy	21.0919, 0.5769, 0.3802
Android (android.graphics.Color)	4292498176 (0xFFDA5300)
YUV	113.9030, -56.1542, 91.2931
Hunter-Lab	45.9260, 44.0297, 29.0702

# Details

The Hex color **DA5300** 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 **0087DA**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF893E**, and **9A1900** is the 20% darker color. If you saturate the color by 10%, you get **DA5300**, and if you desaturate by 10%, it is **DA6116**.

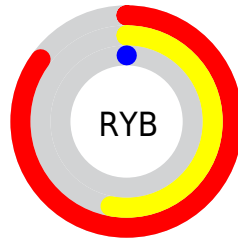
# Distribution



Red (85%)

Green (33%)

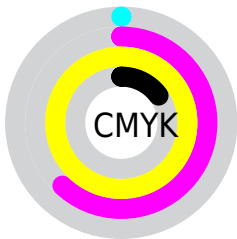
Blue (0%)



Red (85%)

Yellow (53%)

Blue (0%)

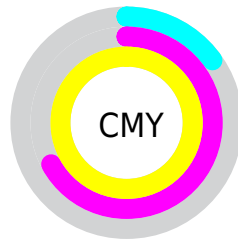


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA5300 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 DA5300 by changing the saturation by 10% instead.



 DA5300

 DA5300

FFFFFF

 BA3800

 FF893E

 9A1900

 FFA558

 7B0000

 FFC173

 5D0000

 FFDD8E

 400001

 FFFBA9

 220001

 FFFFC5

 000000

 FFFFE1

 DA5300

 DA6116

 DA6E2C

 DA7B41

 DA8957

 DA976D

 DAA483

 DAB299

 DABFAE

 DACCC4

# Harmonies

## Analogous

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



F42551



DA5300



AA7500

# Triad

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



DA5300



009B68



3A75FF

# Complementary

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



DA5300



0087DA

# 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



DA5300



009CB0

# Square

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



DA5300



009518



0099EB



BC4FD6

# Rectangle

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



DA5300



828400



0099EB



007FFF



# Sweetspot

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



DA5300



FFD0B3



DA008A



806352



000000



808080



# Same Dimension

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



DA5300



FF6100



DABD00



6E6763



AD4200



2E1100



# Inverse Universe

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



0087DA



009EFF



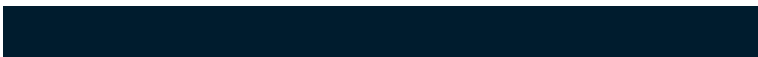
001DDA



63696E



006BAD



001C2E



# Previews

## White Background



This preview shows how the Hex color DA5300 looks on a white background.

## Color Contrast Check

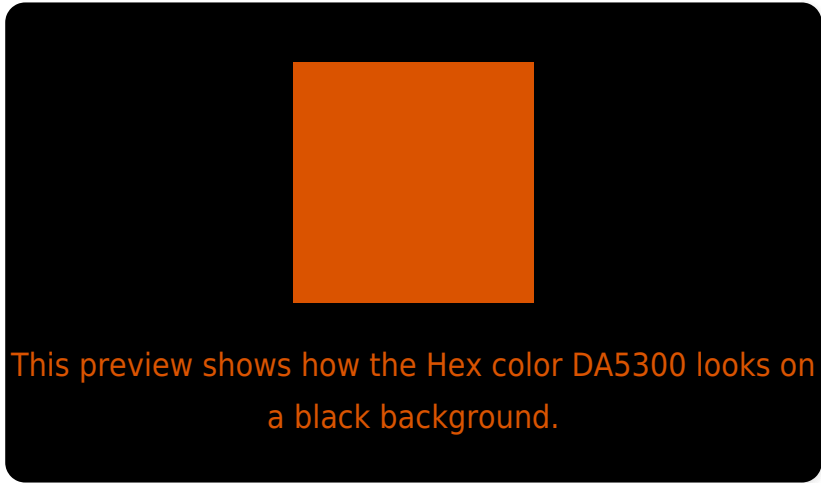
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA5300 Background



This preview shows how black text looks on a background with the Hex color DA5300.



This preview shows how white text looks on a background with the Hex color DA5300.

# 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



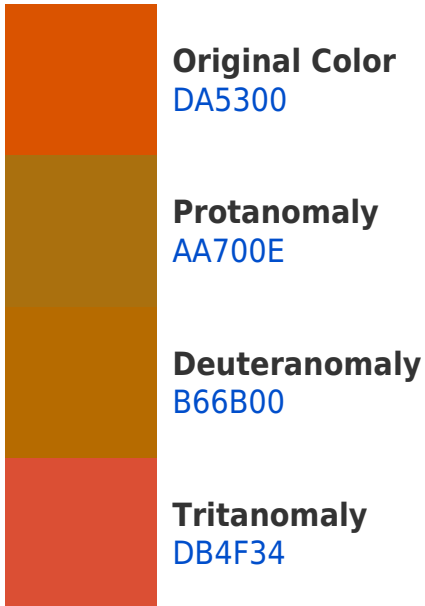
**Original Color**  
DA5300

**Protanopia**  
8F8016

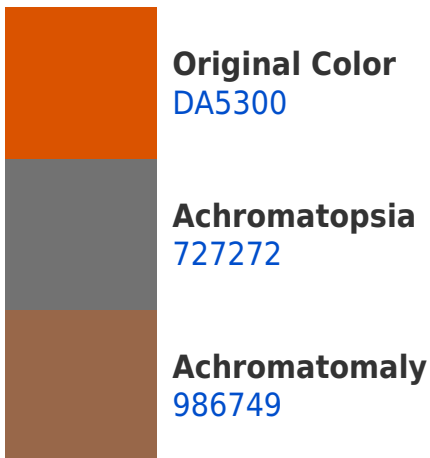
**Deuteranopia**  
A17900



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA5300 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 #DA5300 looks like.

```
.text, #text, p{  
    color:#DA5300  
}
```

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 #DA5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA5300
}
```

## Border

The CSS property to change the border of an element to Hex DA5300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

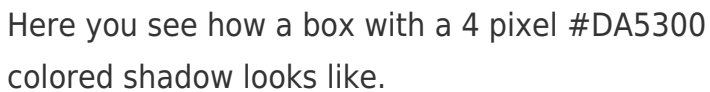
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA5300 }
```

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

```
.border{ border-color:#DA5300 }
```

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 solid orange color, 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 #DA5300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA5300; -webkit-box-shadow:4px 4px  
4px 4px #DA5300; box-shadow:4px 4px 4px  
4px #DA5300 }
```

# Background

The CSS property to change the background color of an element to Hex DA5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA5300 }
```

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

```
.background{ background-color:#DA5300 }
```

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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