

Converting Colors

Hex(DA5100)

Have a look what the booklet for
Hex(DA5100) contains.

Hex(DA5100)	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(DA5100)

Conversions

Conversions Part 1

Format	Color
Hex	DA5100
RGB	218, 81, 0
RGB Percent	85%, 32%, 0%
CMY	0.1451, 0.6824, 1.0000
CMYK	0.00, 0.63, 1.00, 0.15
HSL	22°, 100%, 43%
HSV	22°, 100%, 85%
XYZ	31.8559, 20.7903, 2.3339
YIQ	112.7290, 107.6530, 3.8530

Conversions

Conversions Part 2

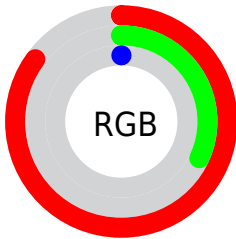
Format	Color
RYB	218, 129, 0
Decimal	14307584
CIELab	52.72, 51.11, 62.92
CIElCh	53, 81.065, 50.915
Yxy	20.7903, 0.5794, 0.3781
Android (android.graphics.Color)	4292497664 (0xFFDA5100)
YUV	112.7290, -55.5754, 92.3227
Hunter-Lab	45.5964, 44.9153, 28.8826

Details

The Hex color **DA5100** 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 **0089DA**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF873E**, and **9A1600** is the 20% darker color. If you saturate the color by 10%, you get **DA5100**, and if you desaturate by 10%, it is **DA5F16**.

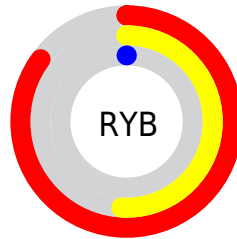
Distribution



Red (85%)

Green (32%)

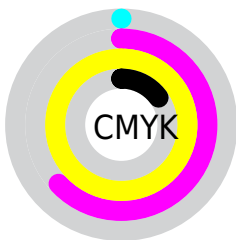
Blue (0%)



Red (85%)

Yellow (51%)

Blue (0%)

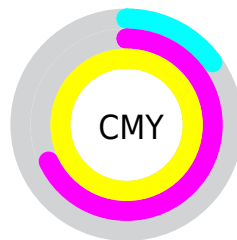


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA5100 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 DA5100 by changing the saturation by 10% instead.

 DA5100

 DA5100

FFFFFFE

 BA3500

 FF873E

 9A1600

 FFA358

 7B0000

 FFBF72

 5D0000

 FFDC8D

 400001

 FFF9A8

 220001

 FFFFC4

 000000

 FFFFE1

 DA5100

 DA5F16

 DA6C2C

 DA7A41

 DA8857

 DA956D

 DAA383

 DAB199

 DABFAE

 DACCC4

Harmonies

Analogous

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



F32151



DA5100



AA7300

Triad

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



DA5100



009A66



3175FF

Complementary

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



DA5100



0089DA

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



DA5100



009BAE

Square

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



DA5100



009414



0098EA



BA4ED7

Rectangle

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



DA5100



828300



0098EA



007FFF

Sweetspot

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



DA5100



FFCFB3



DA008A



806352



000000



808080

Same Dimension

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



DA5100



FF5F00



DABD00



6E6763



AD4000



2E1100

Inverse Universe

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



0089DA



00A0FF



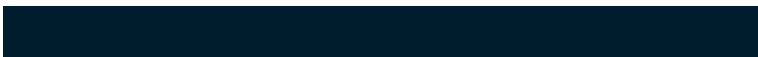
001DDA



636A6E



006DAD



001D2E

Previews

White Background



This preview shows how the Hex color DA5100 looks on a white background.

Color Contrast Check

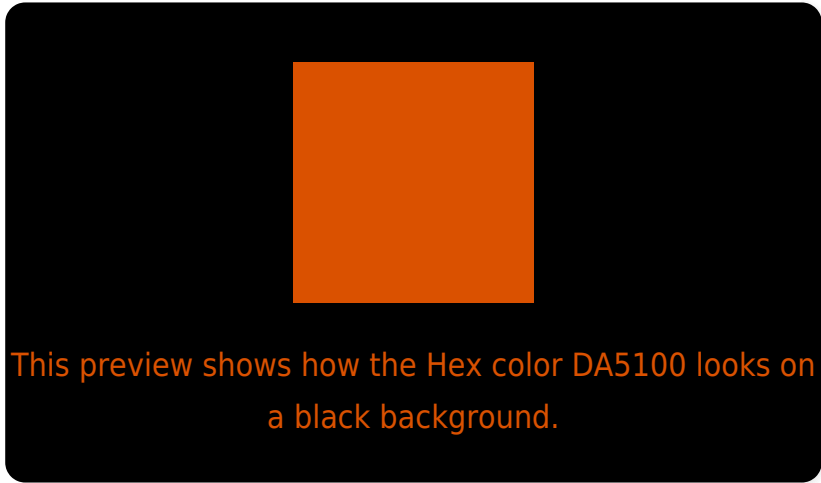
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA5100 Background



This preview shows how black text looks on a background with the Hex color DA5100.



This preview shows how white text looks on a background with the Hex color DA5100.

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

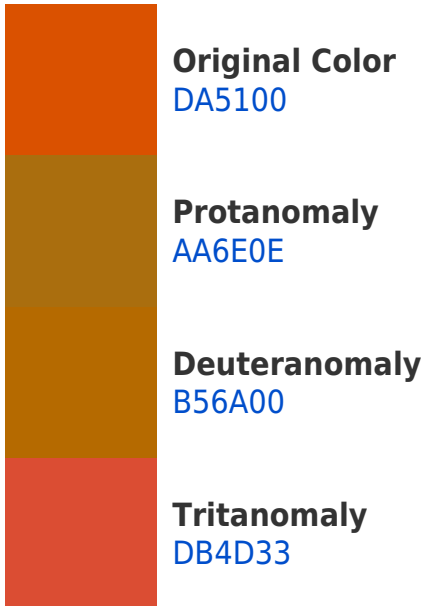


Original Color
DA5100

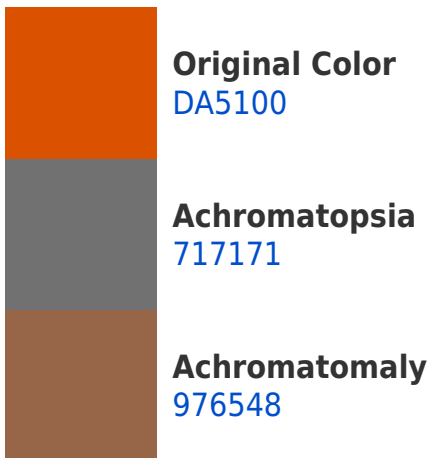
Protanopia
8E7F16

Deuteranopia
A07800

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA5100 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 #DA5100 looks like.

```
.text, #text, p{  
    color:#DA5100  
}
```

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 #DA5100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA5100
}
```

Border

The CSS property to change the border of an element to Hex DA5100 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
#DA5100 }
```

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

```
.border{ border-color:#DA5100 }
```

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

Here you see how a box with a 4 pixel #DA5100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA5100; -webkit-box-shadow:4px 4px  
4px 4px #DA5100; box-shadow:4px 4px 4px  
4px #DA5100 }
```

Background

The CSS property to change the background color of an element to Hex DA5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA5100 }
```

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

```
.background{ background-color:#DA5100 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor