

Converting Colors

Hex(DA5E25)

Have a look what the booklet for
Hex(DA5E25) contains.

Hex(DA5E25)	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(DA5E25)

Conversions

Conversions Part 1

Format	Color
Hex	DA5E25
RGB	218, 94, 37
RGB Percent	85%, 37%, 15%
CMY	0.1451, 0.6314, 0.8549
CMYK	0.00, 0.57, 0.83, 0.15
HSL	19°, 71%, 50%
HSV	19°, 83%, 85%
XYZ	33.2501, 23.0444, 4.4458
YIQ	124.5780, 92.2010, 8.5610

Conversions

Conversions Part 2

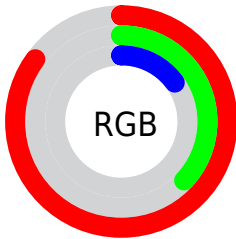
Format	Color
R _Y B	218, 120, 37
Decimal	14310949
CIE Lab	55.12, 45.76, 53.75
CIE LCh	55, 70.591, 49.587
Yxy	23.0444, 0.5474, 0.3794
Android (android.graphics.Color)	4292501029 (0xFFDA5E25)
YUV	124.5780, -43.1760, 81.9311
Hunter-Lab	48.0046, 39.6289, 28.1122

Details

The Hex color **DA5E25** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **25A1DA**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF9457**, and **9C2900** is the 20% darker color. If you saturate the color by 10%, you get **DA4F0F**, and if you desaturate by 10%, it is **DA6D3B**.

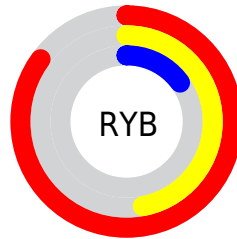
Distribution



Red (85%)

Green (37%)

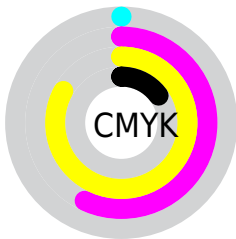
Blue (15%)



Red (85%)

Yellow (47%)

Blue (15%)

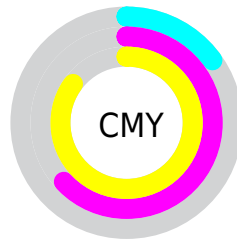


Cyan (0%)

Magenta (57%)

Yellow (83%)

Black (15%)



Cyan (15%)

Magenta (63%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA5E25 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 DA5E25 by changing the saturation by 10% instead.

 DA5E25

 DA5E25

FFFFFF

 BB4408

 FF9457

 9C2900

 FFAF71

 7D0600

 FFCE8B

 5F0000

 FFE8A6

 420000

 FFFFC2

 260001

 FFFFDE

 000000

 FFFFFB

 DA5E25

 DA5E25

■ DA4F0F

■ DA6D3B

■ DA4500

■ DA7C51

■ DA8B66

■ DA9A7C

■ DAA992

■ DAB8A8

■ DAC7BE

■ DAD5D3

■ DAE4E9

Harmonies

Analogous

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



EF425F



DA5E25



B17A00

Triad

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



DA5E25



009E6C



4D7DF8

Complementary

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



DA5E25



25A1DA

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.



0092FD



DA5E25



009FAB

Square

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



DA5E25



1E982C



009CE1



B75FD4

Rectangle

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



DA5E25



8D8800



009CE1



0085FE

Sweetspot

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



DA5E25



FFD3BF



DA25A4



806559



000000



808080

Same Dimension

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



DA5E25



FF5000



DAB625



6E6663



AD3700



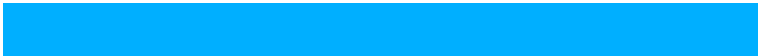
2E0E00

Inverse Universe

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



25A1DA



00AFFF



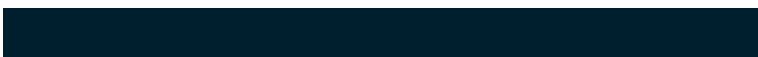
2549DA



636A6E



0077AD



001F2E

Previews

White Background



This preview shows how the Hex color DA5E25 looks on a white background.

Color Contrast Check

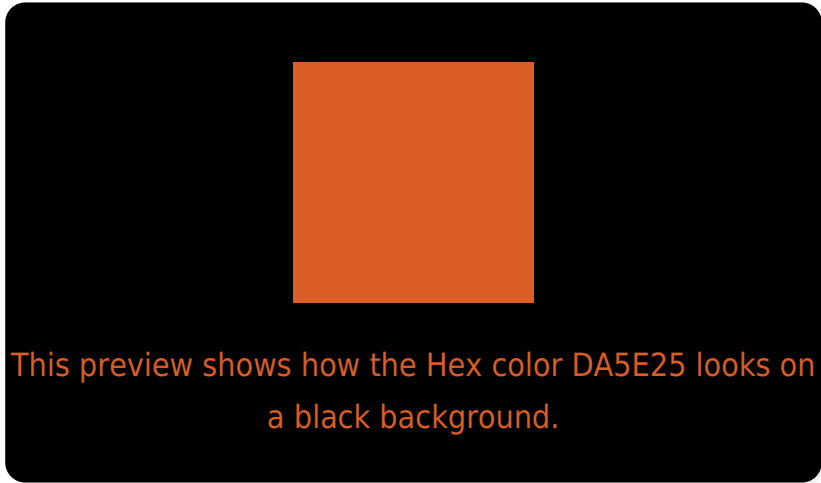
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA5E25 Background



This preview shows how black text looks on a background with the Hex color DA5E25.



This preview shows how white text looks on a background with the Hex color DA5E25.

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

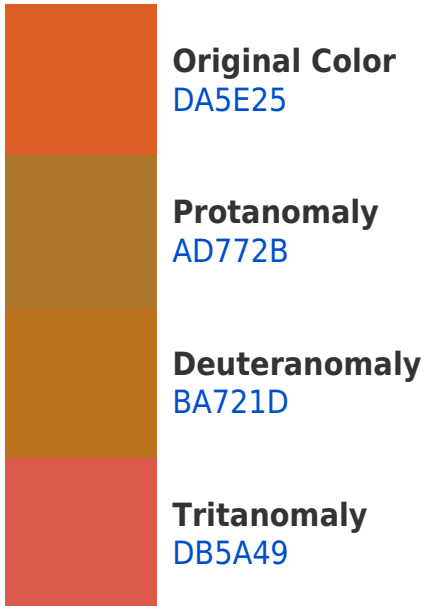


Original Color
DA5E25

Protanopia
94852F

Deuteranopia
A77E18

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA5E25 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 #DA5E25 looks like.

```
.text, #text, p{  
    color:#DA5E25  
}
```

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 #DA5E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA5E25
}
```

Border

The CSS property to change the border of an element to Hex DA5E25 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
#DA5E25 }
```

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

```
.border{ border-color:#DA5E25 }
```

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

Here you see how a box with a 4 pixel #DA5E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA5E25; -webkit-box-shadow:4px 4px  
4px 4px #DA5E25; box-shadow:4px 4px 4px  
4px #DA5E25 }
```

Background

The CSS property to change the background color of an element to Hex DA5E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA5E25 }
```

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

```
.background{ background-color:#DA5E25 }
```

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