

Converting Colors

Hex(DC8E35)

Have a look what the booklet for
Hex(DC8E35) contains.

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Color

Hex(DC8E35)

Conversions

Conversions Part 1

Format	Color
Hex	DC8E35
RGB	220, 142, 53
RGB Percent	86%, 56%, 21%
CMY	0.1373, 0.4431, 0.7922
CMYK	0.00, 0.35, 0.76, 0.14
HSL	32°, 70%, 54%
HSV	32°, 76%, 86%
XYZ	39.8308, 34.8187, 7.9895
YIQ	155.1760, 75.0570, -11.1430

Conversions

Conversions Part 2

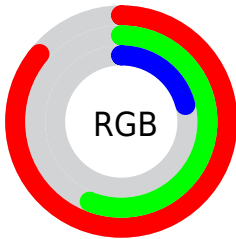
Format	Color
RYB	199, 220, 53
Decimal	14454325
CIELab	65.61, 22.41, 56.97
CIElCh	66, 61.221, 68.528
Yxy	34.8187, 0.4820, 0.4213
Android (android.graphics.Color)	4292644405 (0xFFDC8E35)
YUV	155.1760, -50.3728, 56.8506
Hunter-Lab	59.0074, 17.2271, 33.2774

Details

The Hex color **DC8E35** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3583DC**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC469**, and **A05B00** is the 20% darker color. If you saturate the color by 10%, you get **DC841F**, and if you desaturate by 10%, it is **DC984B**.

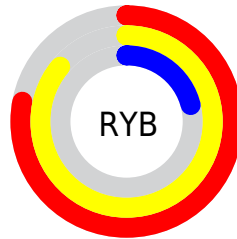
Distribution



Red (86%)

Green (56%)

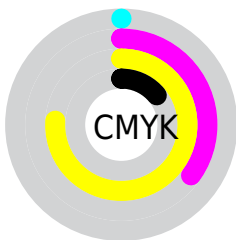
Blue (21%)



Red (78%)

Yellow (86%)

Blue (21%)

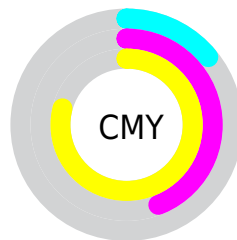


Cyan (0%)

Magenta (35%)

Yellow (76%)

Black (14%)



Cyan (14%)

Magenta (44%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC8E35 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 DC8E35 by changing the saturation by 10% instead.

 DC8E35

 DC8E35

FFFFFF

 BE7419

 FFC469

 A05B00

 FFE084

 824400

 FFFD9F

 652D00

 FFFFBB

 491700

 FFFFD7

 2F0100

 FFFFF4

 090000

 000000

 DC8E35

 DC8E35

 DC841F

 DC984B

 DC7909

 DCA361

 DC7500

 DCAD77

 DCB78D

 DCC1A3

 DCCCB9

 DCD6CF

 DCE0E5

 DCEAFB

Harmonies

Analogous

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



FB785E



DC8E35



AEA227

Triad

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



DC8E35



00BAAE



B68AF6

Complementary

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



DC8E35



3583DC

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.



4AA0FF



DC8E35



00B8E2

Square

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



DC8E35



00B775



00B0FF



EE74C9

Rectangle

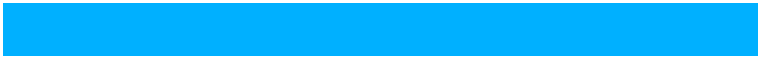
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC8E35



88AB37



00B0FF



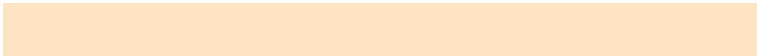
9B92FF

Sweetspot

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



DC8E35



FFE4C4



DC3586



806F5C



000000



808080

Same Dimension

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



DC8E35



FF9317



D9DC35



6E6963



AD5C00



2E1800

Inverse Universe

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



3583DC



1783FF



3835DC



63686E



0051AD



00152E

Previews

White Background



This preview shows how the Hex color DC8E35 looks on a white background.

Color Contrast Check

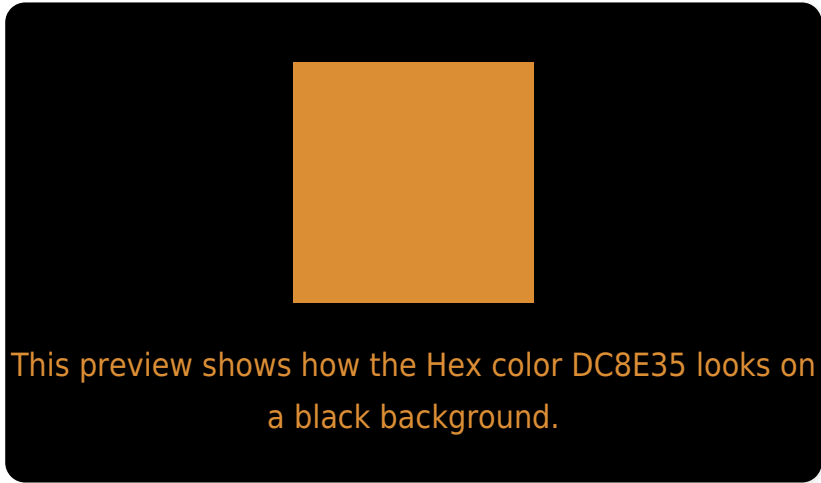
Large Text (above 18pt) WCAG AA × Fail

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

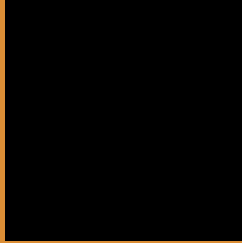
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DC8E35 Background



This preview shows how black text looks on a background with the Hex color DC8E35.

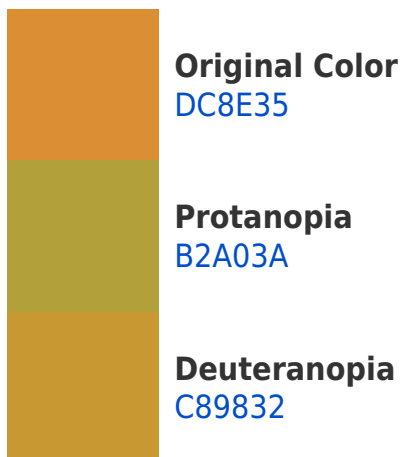



This preview shows how white text looks on a background with the Hex color DC8E35.

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](#).

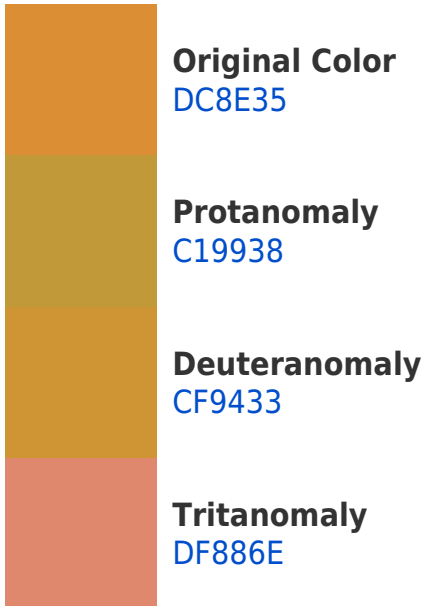
Dichromacy



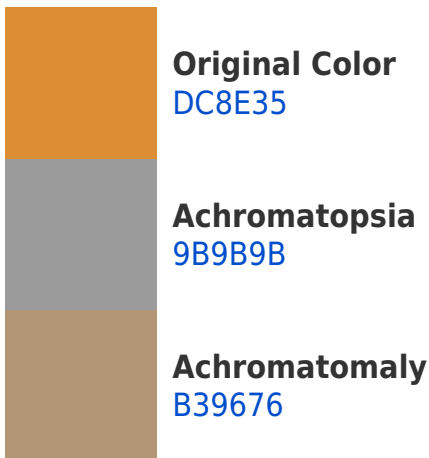


Tritanopia
E1858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DC8E35 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 #DC8E35 looks like.

```
.text, #text, p{  
    color:#DC8E35  
}
```

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 #DC8E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC8E35
}
```

Border

The CSS property to change the border of an element to Hex DC8E35 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
#DC8E35 }
```

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

```
.border{ border-color:#DC8E35 }
```

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

Here you see how a box with a 4 pixel #DC8E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC8E35; -webkit-box-shadow:4px 4px  
4px 4px #DC8E35; box-shadow:4px 4px 4px  
4px #DC8E35 }
```

Background

The CSS property to change the background color of an element to Hex DC8E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC8E35 }
```

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

```
.background{ background-color:#DC8E35 }
```

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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