

Converting Colors

Hex(D88E38)

Have a look what the booklet for
Hex(D88E38) contains.

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Color

Hex(D88E38)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D88E38 |
| RGB | 216, 142, 56 |
| RGB Percent | 85%, 56%, 22% |
| CMY | 0.1529, 0.4431, 0.7804 |
| CMYK | 0.00, 0.34, 0.74, 0.15 |
| HSL | 32°, 67%, 53% |
| HSV | 32°, 74%, 85% |
| XYZ | 38.7057, 34.2305, 8.3085 |
| YIQ | 154.3220, 71.7100, -11.0580 |

Conversions

Conversions Part 2

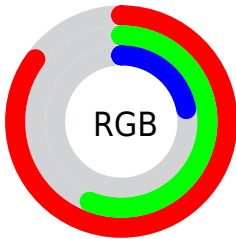
| Format | Color |
|---|--|
| RYB | 194, 216, 56 |
| Decimal | 14192184 |
| CIELab | 65.15, 20.85, 55.08 |
| CIELCh | 65, 58.888, 69.269 |
| Yxy | 34.2305, 0.4764, 0.4213 |
| Android (android.graphics.Color) | 4292382264 (0xFFD88E38) |
| YUV | 154.3220, -48.4727, 54.0916 |
| Hunter-Lab | 58.5068, 15.7014, 32.5350 |

Details

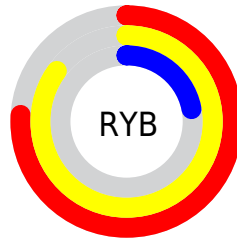
The Hex color **D88E38** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3882D8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFC46C**, and **9C5C00** is the 20% darker color. If you saturate the color by 10%, you get **D88422**, and if you desaturate by 10%, it is **D8984E**.

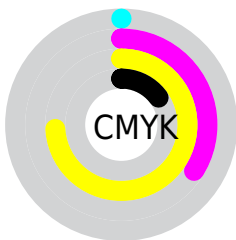
Distribution



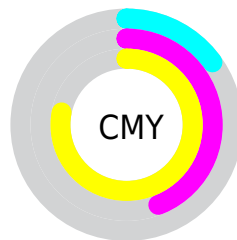
- Red (85%)
- Green (56%)
- Blue (22%)



- Red (76%)
- Yellow (85%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (74%)
- Black (15%)



- Cyan (15%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D88E38 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 D88E38 by changing the saturation by 10% instead.

 D88E38

 D88E38

FFFFFF

 BA741D

 FFC46C

 9C5C00

 FFE086

 7F4400

 FFFCA1

 622D00

 FFFFBD

 471700

 FFFFDA

 2D0100

 FFFFF7

 000000

 D88E38

 D88E38

 D88422

 D8984E

 D87A0D

 D8A263

 D87400

 D8AC79

 D8B68E

 D8C0A4

 D8CABA

 D8D4CF

 D8DEE5

 D8E8FA

Harmonies

Analogous

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



F67A5E



D88E38



ABA12C

Triad

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



D88E38



00B8AD



B689F0

Complementary

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



D88E38



3882D8

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.



549FFF



D88E38



00B6E0

Square

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



D88E38



00B577



00AEFF



EB75C5

Rectangle

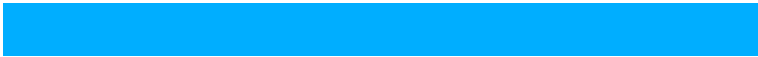
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D88E38



87AA3B



00AEFF



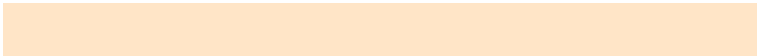
9D91FA

Sweetspot

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



D88E38



FFE5C7



D83883



80705E



000000



808080

Same Dimension

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



D88E38



FF961C



D3D838



6B6660



AB5C00



2B1700

Inverse Universe

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



3882D8



1C85FF



3D38D8



60656B



004FAB



00142B

Previews

White Background



This preview shows how the Hex color D88E38 looks on a white background.

Color Contrast Check

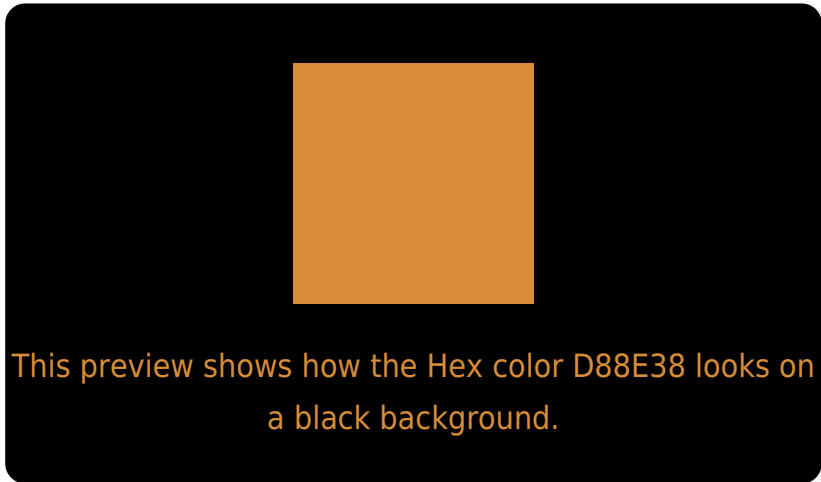
Large Text (above 18pt) WCAG AA × Fail

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

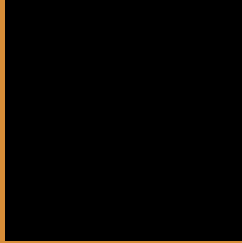
Any Text WCAG AA ✓ Pass

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 D88E38 Background



This preview shows how black text looks on a background with the Hex color D88E38.



This preview shows how white text looks on a background with the Hex color D88E38.

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
D88E38

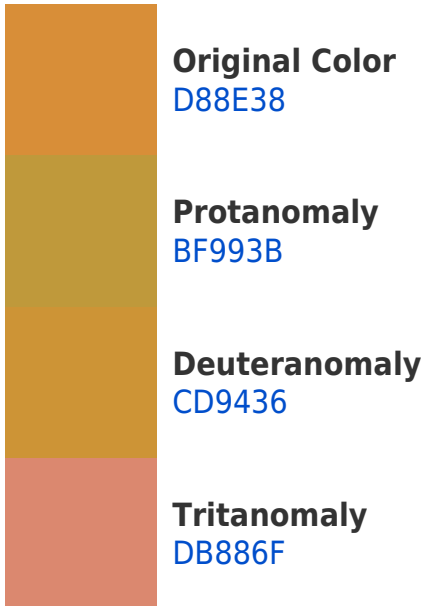
Protanopia
B19F3D

Deuteranopia
C69735

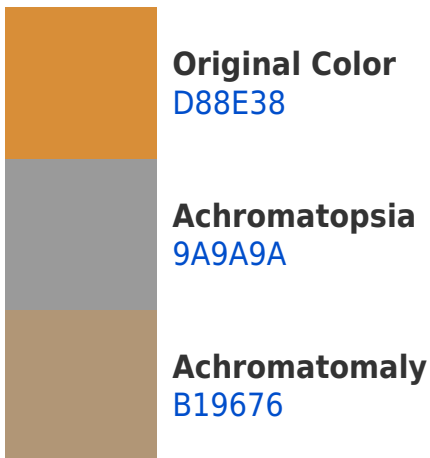


Tritanopia
DD858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D88E38 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 #D88E38 looks like.

```
.text, #text, p{  
    color:#D88E38  
}
```

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 #D88E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D88E38
}
```

Border

The CSS property to change the border of an element to Hex D88E38 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
#D88E38 }
```

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

```
.border{ border-color:#D88E38 }
```

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

Here you see how a box with a 4 pixel #D88E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D88E38; -webkit-box-shadow:4px 4px  
4px 4px #D88E38; box-shadow:4px 4px 4px  
4px #D88E38 }
```

Background

The CSS property to change the background color of an element to Hex D88E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D88E38 }
```

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

```
.background{ background-color:#D88E38 }
```

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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