

Converting Colors

Hex(D88A2B)

Have a look what the booklet for
Hex(D88A2B) contains.

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Color

Hex(D88A2B)

Conversions

Conversions Part 1

Format	Color
Hex	D88A2B
RGB	216, 138, 43
RGB Percent	85%, 54%, 17%
CMY	0.1529, 0.4588, 0.8314
CMYK	0.00, 0.36, 0.80, 0.15
HSL	33°, 69%, 51%
HSV	33°, 80%, 85%
XYZ	37.8434, 32.9503, 6.6510
YIQ	150.4920, 76.9830, -13.0090

Conversions

Conversions Part 2

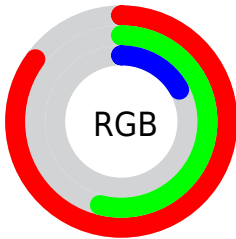
Format	Color
R _Y B	185, 216, 43
Decimal	14191147
CIE Lab	64.12, 22.49, 59.37
CIE LCh	64, 63.489, 69.255
Yxy	32.9503, 0.4887, 0.4255
Android (android.graphics.Color)	4292381227 (0xFFD88A2B)
YUV	150.4920, -52.9936, 57.4505
Hunter-Lab	57.4024, 17.2249, 33.3120

Details

The Hex color **D88A2B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **2B79D8**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFC060**, and **9C5800** is the 20% darker color. If you saturate the color by 10%, you get **D88015**, and if you desaturate by 10%, it is **D89441**.

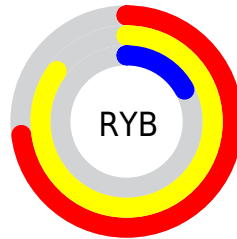
Distribution



Red (85%)

Green (54%)

Blue (17%)



Red (73%)

Yellow (85%)

Blue (17%)

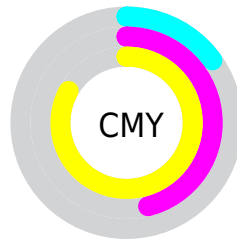


Cyan (0%)

Magenta (36%)

Yellow (80%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color D88A2B 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 D88A2B by changing the saturation by 10% instead.

 D88A2B

 D88A2B

FFFFFF

 BA700A

 FFC060

 9C5800

 FFDC7B

 7E4000

 FFF896

 612900

 FFFFB1

 451400

 FFFFCE

 2C0000

 FFFFEA

 000000

 D88A2B

 D88A2B

 D88015

 D89441

 D87700

 D89D56

 D8A76C

 D8B181

 D8BB97

 D8C4AD

 D8CEC2

 D8D8D8

 D8E2ED

Harmonies

Analogous

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



F87356



D88A2B



A89E1A

Triad

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



D88A2B



00B6AC



B585F4

Complementary

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



D88A2B



2B79D8

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.



409CFF



D88A2B



00B4E2

Square

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



D88A2B



00B471



00ACFF



ED6DC5

Rectangle

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



D88A2B



81A82E



00ACFF



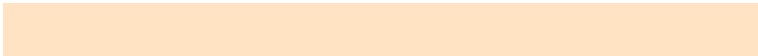
988DFF

Sweetspot

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



D88A2B



FFE3C2



D82B7C



806F5B



000000



808080

Same Dimension

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



D88A2B



FF910A



D2D82B



6B6660



AB5E00



2B1800

Inverse Universe

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



2B79D8



0A79FF



312BD8



60656B



004DAB



00142B

Previews

White Background



This preview shows how the Hex color D88A2B looks on a white background.

Color Contrast Check

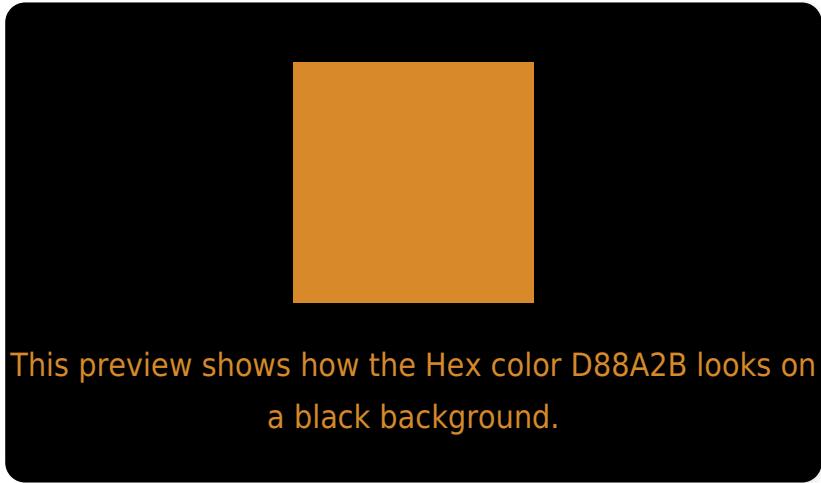
Large Text (above 18pt) WCAG AA × Fail

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 D88A2B Background



This preview shows how black text looks on a background with the Hex color D88A2B.



This preview shows how white text looks on a background with the Hex color D88A2B.

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
D88A2B

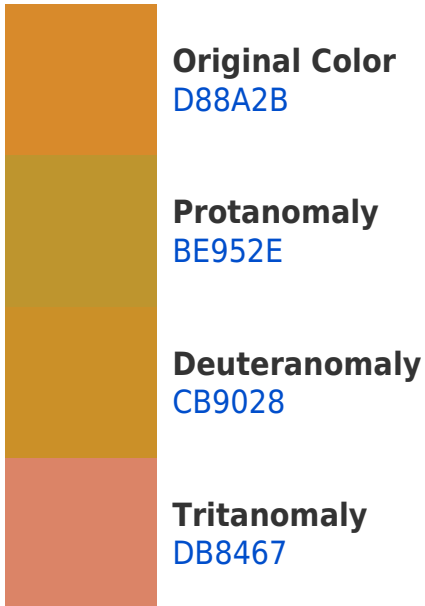
Protanopia
AF9C30

Deuteranopia
C49427

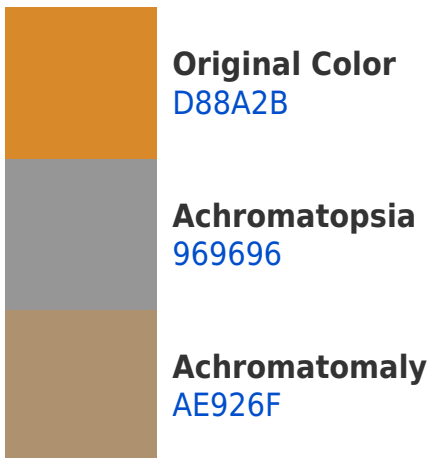


Tritanopia
DD818A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D88A2B 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 #D88A2B looks like.

```
.text, #text, p{  
    color:#D88A2B  
}
```

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 #D88A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D88A2B
}
```

Border

The CSS property to change the border of an element to Hex D88A2B 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
#D88A2B }
```

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

```
.border{ border-color:#D88A2B }
```

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

Here you see how a box with a 4 pixel #D88A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D88A2B; -webkit-box-shadow:4px 4px  
4px 4px #D88A2B; box-shadow:4px 4px 4px  
4px #D88A2B }
```

Background

The CSS property to change the background color of an element to Hex D88A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D88A2B }
```

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

```
.background{ background-color:#D88A2B }
```

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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