

Converting Colors

Hex(D89B22)

Have a look what the booklet for
Hex(D89B22) contains.

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Color

Hex(D89B22)

Conversions

Conversions Part 1

Format	Color
Hex	D89B22
RGB	216, 155, 34
RGB Percent	85%, 61%, 13%
CMY	0.1529, 0.3922, 0.8667
CMYK	0.00, 0.28, 0.84, 0.15
HSL	40°, 73%, 49%
HSV	40°, 84%, 85%
XYZ	40.3290, 38.1571, 6.7529
YIQ	159.4450, 75.1970, -24.6990

Conversions

Conversions Part 2

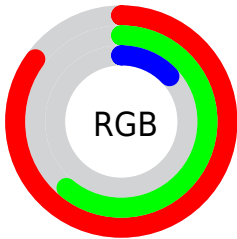
Format	Color
RYB	126, 216, 34
Decimal	14195490
CIELab	68.14, 13.06, 65.90
CIELCh	68, 67.179, 78.788
Yxy	38.1571, 0.4731, 0.4476
Android (android.graphics.Color)	4292385570 (0xFFD89B22)
YUV	159.4450, -61.8444, 49.5987
Hunter-Lab	61.7714, 8.4380, 36.7584

Details

The Hex color **D89B22** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **225FD8**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFD15B**, and **9C6800** is the 20% darker color. If you saturate the color by 10%, you get **D8940C**, and if you desaturate by 10%, it is **D8A238**.

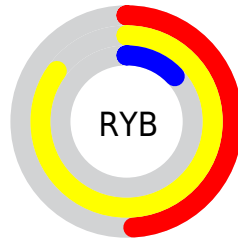
Distribution



Red (85%)

Green (61%)

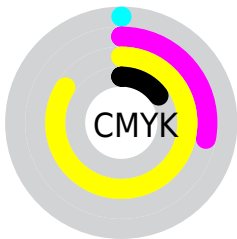
Blue (13%)



Red (49%)

Yellow (85%)

Blue (13%)

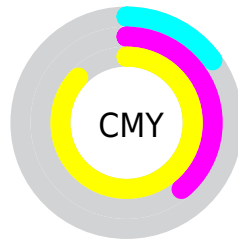


Cyan (0%)

Magenta (28%)

Yellow (84%)

Black (15%)



Cyan (15%)

Magenta (39%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D89B22 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 D89B22 by changing the saturation by 10% instead.

 D89B22

 D89B22

FFFFFF

 BA8100

 FFD15B

 9C6800

 FFED77

 7F5000

 FFFF92

 623900

 FFFFAE

 472400

 FFFFC4

 2D1000

 FFFFE7

 0D0000

 000000

 D89B22

 D89B22

 D8940C

 D8A238

 D89000

 D8A94D

 D8B163

 D8B878

 D8BF8E

 D8C6A4

 D8CEB9

 D8D5CF

 D8DCE4

Harmonies

Analogous

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



FF824C



D89B22



A1AF23

Triad

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



D89B22



00C3CB



D985F7

Complementary

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



D89B22



225FD8

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.



7A9FFF



D89B22



00BFFF

Square

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



D89B22



00C18C



00B4FF



FF6FC0

Rectangle

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



D89B22



73B840



00B4FF



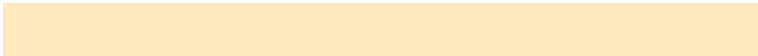
C08EFF

Sweetspot

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



D89B22



FFEABF



D82262



807359



000000



808080

Same Dimension

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



D89B22



FFAA00



BDD822



6B6860



AB7200



2B1D00

Inverse Universe

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



225FD8



0055FF



3D22D8



60646B



0039AB



000F2B

Previews

White Background



This preview shows how the Hex color D89B22 looks on a white background.

Color Contrast Check

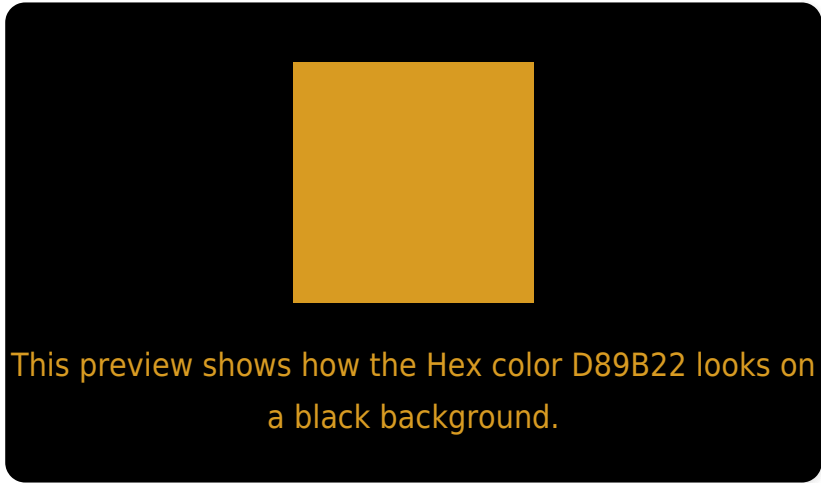
Large Text (above 18pt) WCAG AA × Fail

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 D89B22 Background



This preview shows how black text looks on a background with the Hex color D89B22.



This preview shows how white text looks on a background with the Hex color D89B22.

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
D89B22

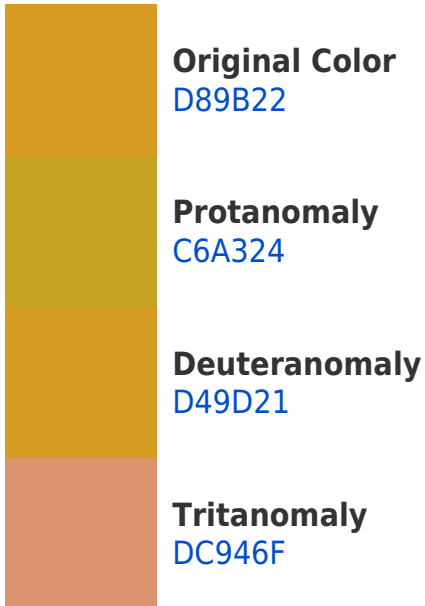
Protanopia
BBA725

Deuteranopia
D29E20

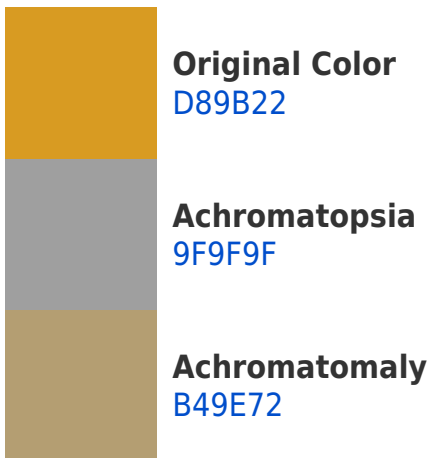


Tritanopia
DF909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D89B22 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 #D89B22 looks like.

```
.text, #text, p{  
    color:#D89B22  
}
```

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 #D89B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D89B22
}
```

Border

The CSS property to change the border of an element to Hex D89B22 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
#D89B22 }
```

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

```
.border{ border-color:#D89B22 }
```

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

Here you see how a box with a 4 pixel #D89B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D89B22; -webkit-box-shadow:4px 4px  
4px 4px #D89B22; box-shadow:4px 4px 4px  
4px #D89B22 }
```

Background

The CSS property to change the background color of an element to Hex D89B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D89B22 }
```

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

```
.background{ background-color:#D89B22 }
```

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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