

Converting Colors

Hex(D8BF39)

Have a look what the booklet for
Hex(D8BF39) contains.

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Color

Hex(D8BF39)

Conversions

Conversions Part 1

Format	Color
Hex	D8BF39
RGB	216, 191, 57
RGB Percent	85%, 75%, 22%
CMY	0.1529, 0.2510, 0.7765
CMYK	0.00, 0.12, 0.74, 0.15
HSL	51°, 67%, 54%
HSV	51°, 74%, 85%
XYZ	47.6882, 52.1559, 11.4246
YIQ	183.1990, 57.9140, -36.3740

Conversions

Conversions Part 2

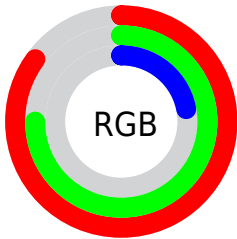
Format	Color
RYB	87, 216, 57
Decimal	14204729
CIELab	77.37, -5.17, 66.66
CIElCh	77, 66.858, 94.431
Yxy	52.1559, 0.4286, 0.4687
Android (android.graphics.Color)	4292394809 (0xFFD8BF39)
YUV	183.1990, -62.2161, 28.7665
Hunter-Lab	72.2191, -8.5150, 41.1741

Details

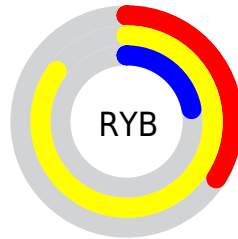
The Hex color **D8BF39** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **3952D8**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF771**, and **9D8A00** is the 20% darker color. If you saturate the color by 10%, you get **D8BC23**, and if you desaturate by 10%, it is **D8C24F**.

Distribution



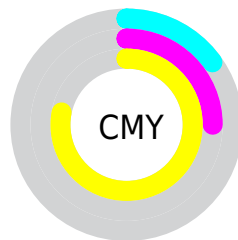
- Red (85%)
- Green (75%)
- Blue (22%)



- Red (34%)
- Yellow (85%)
- Blue (22%)



- Cyan (0%)
- Magenta (12%)
- Yellow (74%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8BF39 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 D8BF39 by changing the saturation by 10% instead.

 D8BF39

 D8BF39

FFFFFF

 BAA418

 FFF771

 9D8A00

 FFFF8D

 817100

 FFFFA9

 655900

 FFFF C5

 4A4200

 FFFF E2

 302C00

 171800

 000000

 D8BF39

 D8BF39

 D8BC23

 D8C24F

 D8B80E

 D8C664

 D8B600

 D8C97A

 D8CD8F

 D8D0A5

 D8D3BB

 D8D7D0

 D8DAE6

 D8DEFB

Harmonies

Analogous

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



FFA84D



D8BF39



98D052

Triad

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



D8BF39



00DCFF



FF92F6

Complementary

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



D8BF39



3952D8

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.



CEABFF



D8BF39



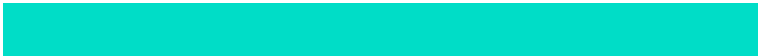
00D4FF

Square

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



D8BF39



00DDC7



49C3FF



FF86B8

Rectangle

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



D8BF39



5FD774



49C3FF



FF9AFF

Sweetspot

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



D8BF39



FFF6C7



D83954



807A5E



000000



808080

Same Dimension

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



D8BF39



FFDC1F



A3D839



6B6960



AB9000



2B2500

Inverse Universe

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



3952D8



1F42FF



6E39D8



60626B



001BAB



00072B

Previews

White Background



This preview shows how the Hex color D8BF39 looks on a white background.

Color Contrast Check

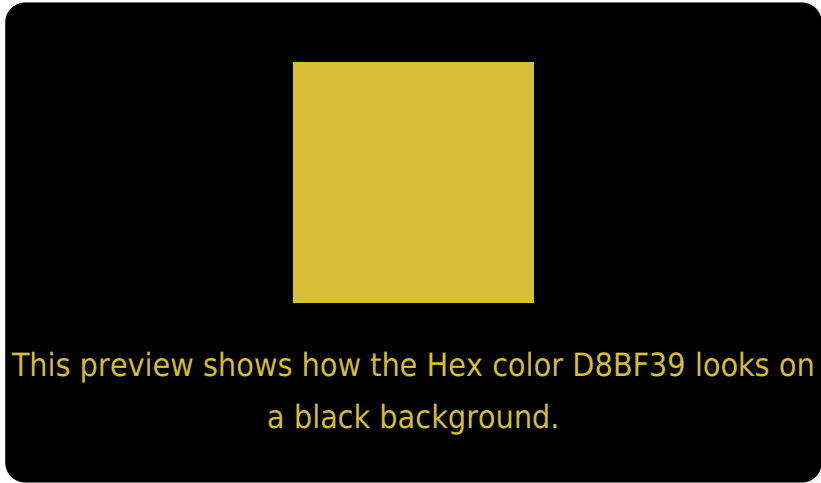
Large Text (above 18pt) WCAG AA × Fail

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 D8BF39 Background



This preview shows how black text looks on a background with the Hex color D8BF39.



This preview shows how white text looks on a background with the Hex color D8BF39.

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
D8BF39

Protanopia
D6C039

Deuteranopia
EFB63D



Tritanopia
E2B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8BF39 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 #D8BF39 looks like.

```
.text, #text, p{  
    color:#D8BF39  
}
```

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 #D8BF39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8BF39
}
```

Border

The CSS property to change the border of an element to Hex D8BF39 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
#D8BF39 }
```

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

```
.border{ border-color:#D8BF39 }
```

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

Here you see how a box with a 4 pixel #D8BF39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8BF39; -webkit-box-shadow:4px 4px  
4px 4px #D8BF39; box-shadow:4px 4px 4px  
4px #D8BF39 }
```

Background

The CSS property to change the background color of an element to Hex D8BF39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8BF39 }
```

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

```
.background{ background-color:#D8BF39 }
```

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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