

Converting Colors

Hex(D8AE3A)

Have a look what the booklet for
Hex(D8AE3A) contains.

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Color

Hex(D8AE3A)

Conversions

Conversions Part 1

Format	Color
Hex	D8AE3A
RGB	216, 174, 58
RGB Percent	85%, 68%, 23%
CMY	0.1529, 0.3176, 0.7725
CMYK	0.00, 0.19, 0.73, 0.15
HSL	44°, 67%, 54%
HSV	44°, 73%, 85%
XYZ	44.2187, 45.1765, 10.3924
YIQ	173.3340, 62.2680, -27.1720

Conversions

Conversions Part 2

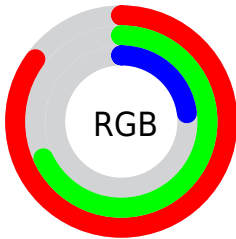
Format	Color
RYB	115, 216, 58
Decimal	14200378
CIELab	73.01, 3.77, 62.06
CIELCh	73, 62.176, 86.520
Yxy	45.1765, 0.4431, 0.4527
Android (android.graphics.Color)	4292390458 (0xFFD8AE3A)
YUV	173.3340, -56.8597, 37.4181
Hunter-Lab	67.2135, -0.1913, 37.8822

Details

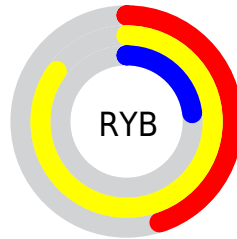
The Hex color **D8AE3A** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3A64D8**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE570**, and **9D7A00** is the 20% darker color. If you saturate the color by 10%, you get **D8A824**, and if you desaturate by 10%, it is **D8B450**.

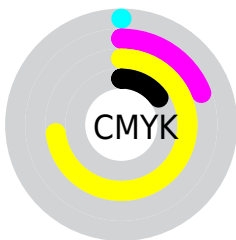
Distribution



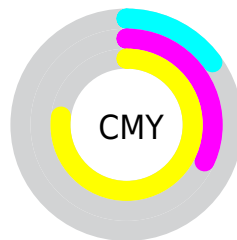
- Red (85%)
- Green (68%)
- Blue (23%)



- Red (45%)
- Yellow (85%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (73%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8AE3A 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 D8AE3A by changing the saturation by 10% instead.

 D8AE3A

 D8AE3A

FFFFFF

 BA941C

 FFE570

 9D7A00

 FFFF8B

 806100

 FFFFA7

 654A00

 FFFFC3

 493400

 FFFFEO

 2F1F00

FFFFFFD

 160800

 000000

 D8AE3A

 D8AE3A

 D8A824

 D8B450

 D8A30F

 D8B965

 D89F00

 D8BF7B

 D8C590

 D8CBA6

 D8D0BC

 D8D6D1

 D8DCE7

 D8E2FC

Harmonies

Analogous

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



FF9854



D8AE3A



A0BF46

Triad

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



D8AE3A



00CFE4



F28FF3

Complementary

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



D8AE3A



3A64D8

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.



AAA7FF



D8AE3A



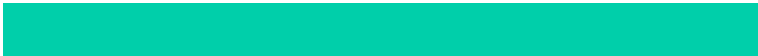
00C9FF

Square

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



D8AE3A



00CFAA



00BCFF



FF80BC

Rectangle

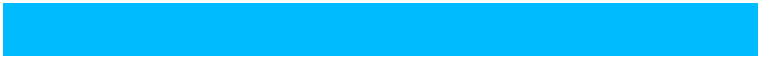
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8AE3A



72C761



00BCFF



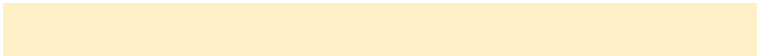
DF97FF

Sweetspot

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



D8AE3A



FFF0C7



D83A64



80775E



000000



808080

Same Dimension

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



D8AE3A



FFC31F



B3D83A



6B6860



AB7D00



2B2000

Inverse Universe

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



3A64D8



1F5AFF



5F3AD8



60636B



002DAB



000C2B

Previews

White Background



This preview shows how the Hex color D8AE3A looks on a white background.

Color Contrast Check

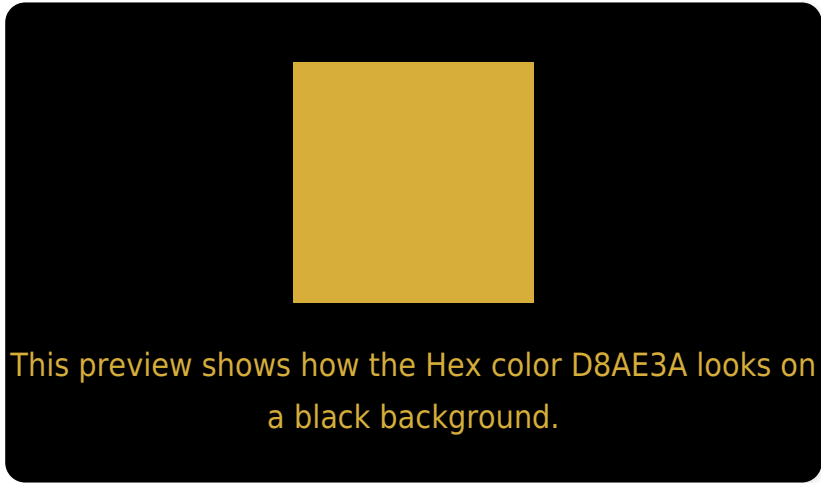
Large Text (above 18pt) WCAG AA × Fail

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 D8AE3A Background



This preview shows how black text looks on a background with the Hex color D8AE3A.



This preview shows how white text looks on a background with the Hex color D8AE3A.

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
D8AE3A

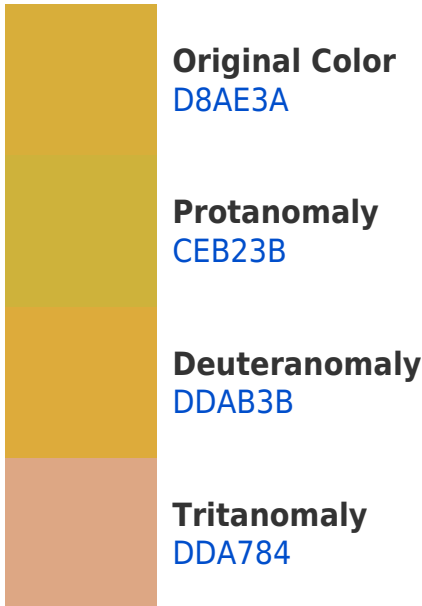
Protanopia
C9B43C

Deuteranopia
E0AA3B

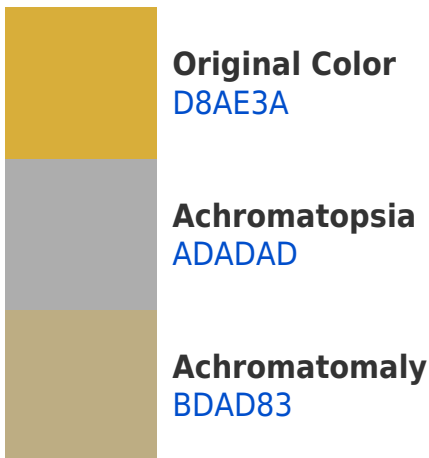


Tritanopia
E0A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8AE3A 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 #D8AE3A looks like.

```
.text, #text, p{  
    color:#D8AE3A  
}
```

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 #D8AE3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8AE3A
}
```

Border

The CSS property to change the border of an element to Hex D8AE3A 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
#D8AE3A }
```

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

```
.border{ border-color:#D8AE3A }
```

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

Here you see how a box with a 4 pixel #D8AE3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8AE3A; -webkit-box-shadow:4px 4px  
4px 4px #D8AE3A; box-shadow:4px 4px 4px  
4px #D8AE3A }
```

Background

The CSS property to change the background color of an element to Hex D8AE3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8AE3A }
```

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

```
.background{ background-color:#D8AE3A }
```

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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