

# Converting Colors

Hex(D8AE26)

Have a look what the booklet for  
Hex(D8AE26) contains.

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# **Color**

**Hex(D8AE26)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8AE26
RGB	216, 174, 38
RGB Percent	85%, 68%, 15%
CMY	0.1529, 0.3176, 0.8510
CMYK	0.00, 0.19, 0.82, 0.15
HSL	46°, 70%, 50%
HSV	46°, 82%, 85%
XYZ	43.8048, 45.0110, 8.2129
YIQ	171.0540, 68.6880, -33.3920

# Conversions

## Conversions Part 2

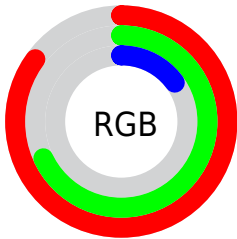
Format	Color
<a href="#">RYB</a>	<a href="#">93, 216, 38</a>
Decimal	<a href="#">14200358</a>
CIELab	<a href="#">72.90, 3.03, 68.77</a>
CIELCh	<a href="#">73, 68.837, 87.476</a>
Yxy	<a href="#">45.0110, 0.4515, 0.4639</a>
Android (android.graphics.Color)	<a href="#">4292390438 (0xFFD8AE26)</a>
YUV	<a href="#">171.0540, -65.5956, 39.4176</a>
Hunter-Lab	<a href="#">67.0902, -0.8610, 39.7051</a>

# Details

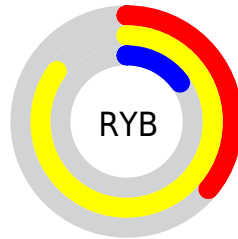
The Hex color **D8AE26** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2650D8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE560**, and **9C7A00** is the 20% darker color. If you saturate the color by 10%, you get **D8A910**, and if you desaturate by 10%, it is **D8B33C**.

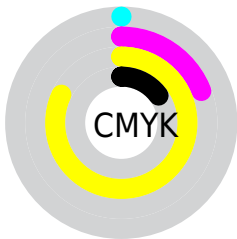
# Distribution



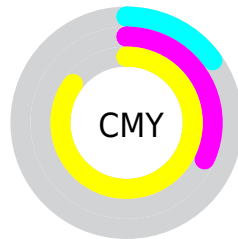
- Red (85%)
- Green (68%)
- Blue (15%)



- Red (36%)
- Yellow (85%)
- Blue (15%)



- Cyan (0%)
- Magenta (19%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8AE26 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 D8AE26 by changing the saturation by 10% instead.



 D8AE26

 D8AE26

FFFFFF

 BA9400

 FFE560

 9C7A00

 FFFF7C

 806100

 FFFF98

 634A00

 FFFFB4

 483400

 FFFFD1

 2E1F00

 FFFFEE

 150800

 000000

 D8AE26

 D8AE26

 D8A910

 D8B33C

 D8A500

 D8B851

 D8BD67

 D8C27C

 D8C792

 D8CDA8

 D8D2BD

 D8D7D3

 D8DCE8

# Harmonies

## Analogous

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



FF9547



D8AE26



9AC038

# Triad

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



D8AE26



00D0EB



FA89F8

# Complementary

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



D8AE26



2650D8

# 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.



AAA4FF



D8AE26



00CAFF

# Square

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



D8AE26



00D1AB



00BCFF



FF77BB

# Rectangle

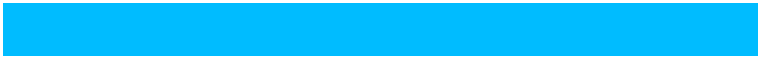
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8AE26



65C858



00BCFF



E592FF



# Sweetspot

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



D8AE26



FFF0BF



D82652



807659



000000



808080



# Same Dimension

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



D8AE26



FFC303



ACD826



6B6960



AB8300



2B2100



# Inverse Universe

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



2650D8



033EFF



5226D8



60636B



0028AB



000A2B



# Previews

## White Background



This preview shows how the Hex color D8AE26 looks on a white background.

## Color Contrast Check

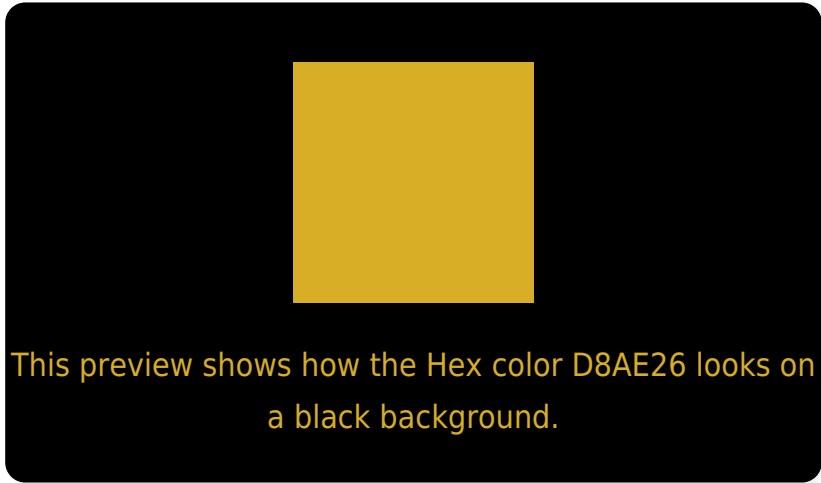
Large Text (above 18pt) WCAG AA × Fail

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 D8AE26 Background



This preview shows how black text looks on a background with the Hex color D8AE26.

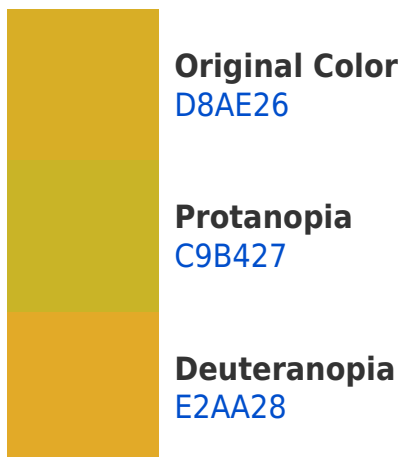


This preview shows how white text looks on a background with the Hex color D8AE26.

# 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](#).

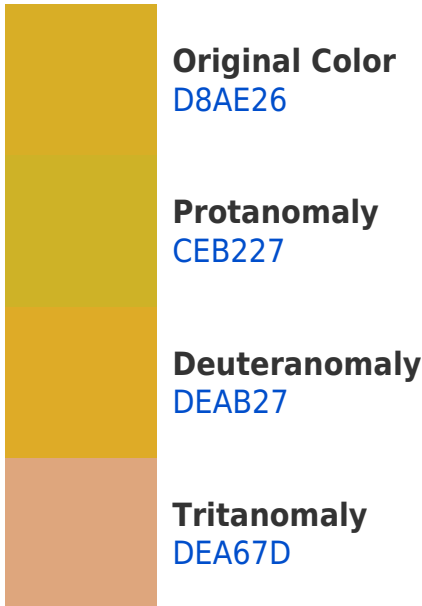
## Dichromacy



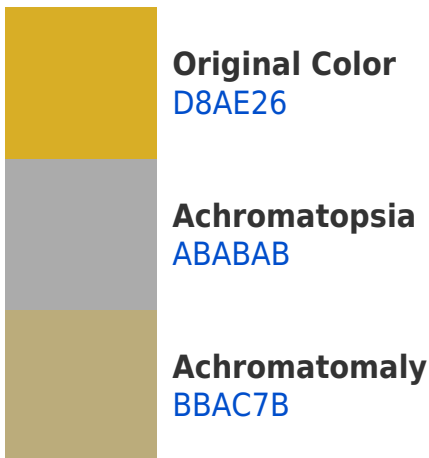


**Tritanopia**  
E1A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8AE26 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 #D8AE26 looks like.

```
.text, #text, p{  
    color:#D8AE26  
}
```

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 #D8AE26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8AE26
}
```

## Border

The CSS property to change the border of an element to Hex D8AE26 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
#D8AE26 }
```

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

```
.border{ border-color:#D8AE26 }
```

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

Here you see how a box with a 4 pixel #D8AE26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8AE26; -webkit-box-shadow:4px 4px  
4px 4px #D8AE26; box-shadow:4px 4px 4px  
4px #D8AE26 }
```

# Background

The CSS property to change the background color of an element to Hex D8AE26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8AE26 }
```

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

```
.background{ background-color:#D8AE26 }
```

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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