

# Converting Colors

Hex(D1A23E)

Have a look what the booklet for  
Hex(D1A23E) contains.

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# **Color**

**Hex(D1A23E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1A23E
RGB	209, 162, 62
RGB Percent	82%, 64%, 24%
CMY	0.1804, 0.3647, 0.7569
CMYK	0.00, 0.22, 0.70, 0.18
HSL	41°, 62%, 53%
HSV	41°, 70%, 82%
XYZ	40.0843, 39.7438, 10.1161
YIQ	164.6530, 60.1120, -21.1360

# Conversions

## Conversions Part 2

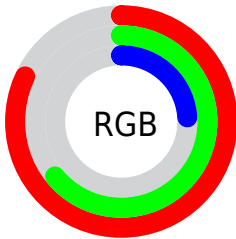
Format	Color
<b>RYB</b>	131, 209, 62
Decimal	13738558
CIELab	69.29, 7.34, 56.46
CIELCh	69, 56.938, 82.591
Yxy	39.7438, 0.4457, 0.4419
Android (android.graphics.Color)	4291928638 (0xFFD1A23E)
YUV	164.6530, -50.6079, 38.8923
Hunter-Lab	63.0427, 3.1707, 34.6160

# Details

The Hex color **D1A23E** 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 **3E6DD1**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFD973**, and **966F00** is the 20% darker color. If you saturate the color by 10%, you get **D19B29**, and if you desaturate by 10%, it is **D1A953**.

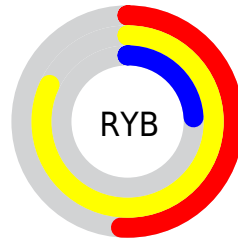
# Distribution



Red (82%)

Green (64%)

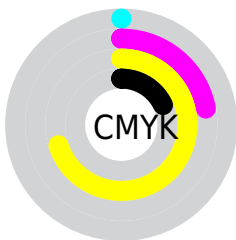
Blue (24%)



Red (51%)

Yellow (82%)

Blue (24%)

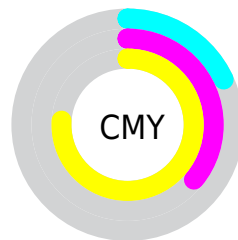


Cyan (0%)

Magenta (22%)

Yellow (70%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1A23E 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 D1A23E by changing the saturation by 10% instead.



 D1A23E

 D1A23E

FFFFFF

 B38823

 FFD973

 966F00

 FFF58E

 7A5700

 FFFFA9

 5F3F00

 FFFFC5

 432A00

 FFFFEE

 2A1600

 0B0000

 000000

 D1A23E

 D1A23E

 D19B29

 D1A953

 D19514

 D1AF68

 D18E00

 D1B67D

 D1BD92

 D1C3A7

 D1CABB

 D1D1D0

 D1D7E5

 D1DEFA

# Harmonies

## Analogous

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



F68E58



D1A23E



A0B244

# Triad

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



D1A23E



00C2CF



DC8CE8

# Complementary

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



D1A23E



3E6DD1

# 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.



96A1FF



D1A23E



00BEFA

# Square

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



D1A23E



00C29A



00B3FF



FF7DB8

# Rectangle

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



D1A23E



78BA5A



00B3FF



C993F6

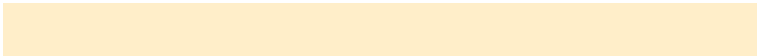


# Sweetspot

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



D1A23E



FFEEC9



D13E6F



807560



000000



808080



# Same Dimension

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



D1A23E



FFBB29



B9D13E



69655E



A87200



291C00



# Inverse Universe

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



3E6DD1



296DFF



563ED1



5E6169



0036A8



000D29



# Previews

## White Background



This preview shows how the Hex color D1A23E looks on a white background.

## Color Contrast Check

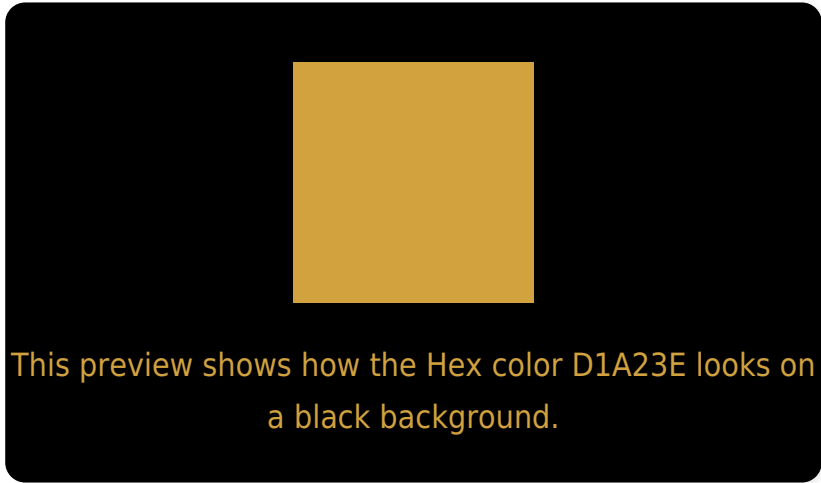
Large Text (above 18pt) WCAG AA × Fail

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 D1A23E Background



This preview shows how black text looks on a background with the Hex color D1A23E.

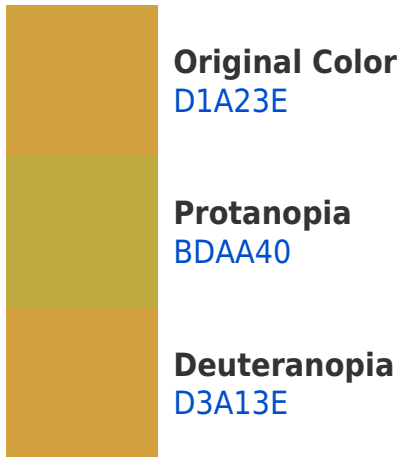


This preview shows how white text looks on a background with the Hex color D1A23E.

# 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](#).

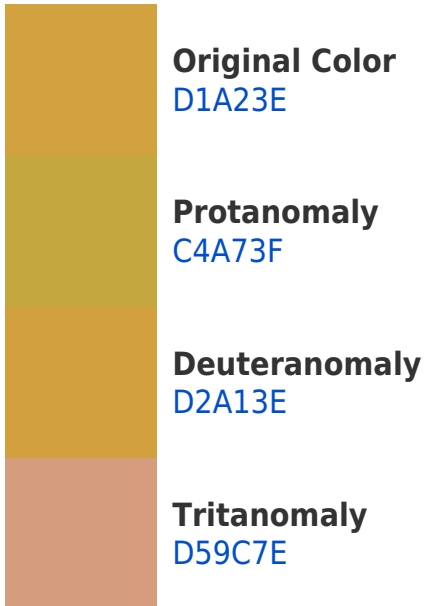
## Dichromacy





**Tritanopia**  
D898A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1A23E 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 #D1A23E looks like.

```
.text, #text, p{  
    color:#D1A23E  
}
```

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 #D1A23E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1A23E
}
```

## Border

The CSS property to change the border of an element to Hex D1A23E 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
#D1A23E }
```

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

```
.border{ border-color:#D1A23E }
```

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

Here you see how a box with a 4 pixel #D1A23E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1A23E; -webkit-box-shadow:4px 4px  
4px 4px #D1A23E; box-shadow:4px 4px 4px  
4px #D1A23E }
```

# Background

The CSS property to change the background color of an element to Hex D1A23E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1A23E }
```

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

```
.background{ background-color:#D1A23E }
```

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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