

Converting Colors

Hex(D3A91E)

Have a look what the booklet for
Hex(D3A91E) contains.

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Color

Hex(D3A91E)

Conversions

Conversions Part 1

Format	Color
Hex	D3A91E
RGB	211, 169, 30
RGB Percent	83%, 66%, 12%
CMY	0.1725, 0.3373, 0.8824
CMYK	0.00, 0.20, 0.86, 0.17
HSL	46°, 75%, 47%
HSV	46°, 86%, 83%
XYZ	41.2863, 42.3186, 7.2206
YIQ	165.7120, 69.6510, -34.3250

Conversions

Conversions Part 2

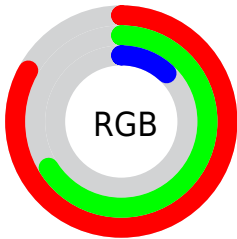
Format	Color
RYB	85, 211, 30
Decimal	13871390
CIELab	71.09, 3.28, 69.20
CIELCh	71, 69.280, 87.286
Yxy	42.3186, 0.4546, 0.4659
Android (android.graphics.Color)	4292061470 (0xFFD3A91E)
YUV	165.7120, -66.9060, 39.7176
Hunter-Lab	65.0527, -0.5556, 38.9560

Details

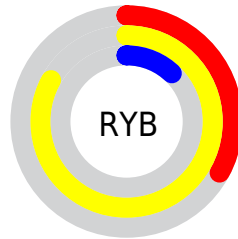
The Hex color **D3A91E** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **1E48D3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE05A**, and **987500** is the 20% darker color. If you saturate the color by 10%, you get **D3A409**, and if you desaturate by 10%, it is **D3AE33**.

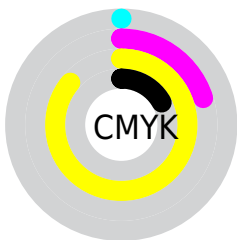
Distribution



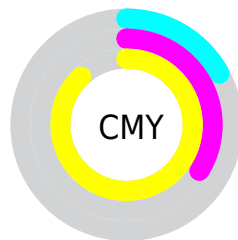
- Red (83%)
- Green (66%)
- Blue (12%)



- Red (33%)
- Yellow (83%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (34%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3A91E 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 D3A91E by changing the saturation by 10% instead.

 D3A91E

 D3A91E

FFFFFF

 B58F00

 FFE05A

 987500

 FFFC76

 7B5D00

 FFFF92

 5F4600

 FFFFAE

 433000

 FFFFCB

 2A1B00

 FFFFEB

 0E0100

 000000

 D3A91E

 D3A91E

 D3A409

 D3AE33

 D3A200

 D3B348

 D3B85D

 D3BD72

 D3C187

 D3C69D

 D3CBB2

 D3D0C7

 D3D5DC

Harmonies

Analogous

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



FF9042



D3A91E



95BB31

Triad

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



D3A91E



00CBE6



F584F3

Complementary

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



D3A91E



1E48D3

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.



A3A0FF



D3A91E



00C5FF

Square

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



D3A91E



00CBA6



00B7FF



FF2B6

Rectangle

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



D3A91E



60C353



00B7FF



DF8DFF

Sweetspot

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



D3A91E



FFF0BD



D31E48



807658



000000



808080

Same Dimension

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



D3A91E



FFC400



A3D31E



69665E



A88100



291F00

Inverse Universe

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



1E48D3



003BFF



4E1ED3



5E6169



0027A8



000929

Previews

White Background



This preview shows how the Hex color D3A91E looks on a white background.

Color Contrast Check

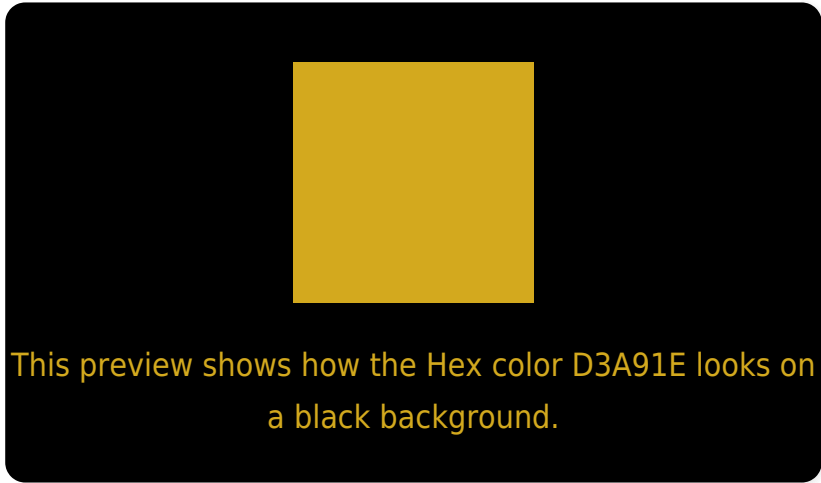
Large Text (above 18pt) WCAG AA × Fail

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 D3A91E Background



This preview shows how black text looks on a background with the Hex color D3A91E.



This preview shows how white text looks on a background with the Hex color D3A91E.

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
D3A91E

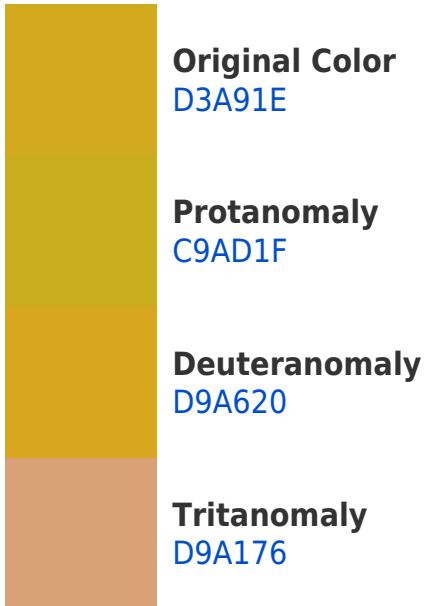
Protanopia
C4AF20

Deuteranopia
DCA521

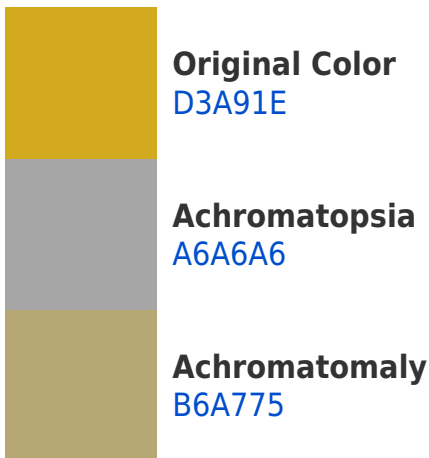


Tritanopia
DC9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D3A91E 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 #D3A91E looks like.

```
.text, #text, p{  
    color:#D3A91E  
}
```

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 #D3A91E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3A91E
}
```

Border

The CSS property to change the border of an element to Hex D3A91E 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
#D3A91E }
```

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

```
.border{ border-color:#D3A91E }
```

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

Here you see how a box with a 4 pixel #D3A91E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3A91E; -webkit-box-shadow:4px 4px  
4px 4px #D3A91E; box-shadow:4px 4px 4px  
4px #D3A91E }
```

Background

The CSS property to change the background color of an element to Hex D3A91E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3A91E }
```

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

```
.background{ background-color:#D3A91E }
```

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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