

Converting Colors

Hex(D1A61E)

Have a look what the booklet for
Hex(D1A61E) contains.

Hex(D1A61E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D1A61E)

Conversions

Conversions Part 1

Format	Color
Hex	D1A61E
RGB	209, 166, 30
RGB Percent	82%, 65%, 12%
CMY	0.1804, 0.3490, 0.8824
CMYK	0.00, 0.21, 0.86, 0.18
HSL	46°, 75%, 47%
HSV	46°, 86%, 82%
XYZ	40.1651, 40.9215, 7.0100
YIQ	163.3530, 69.2840, -33.1800

Conversions

Conversions Part 2

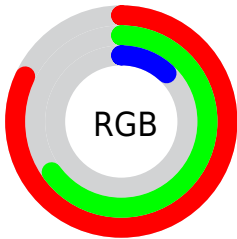
Format	Color
R_{YB}	87, 209, 30
Decimal	13739550
CIE _{Lab}	70.12, 4.00, 68.33
CIE _{LCh}	70, 68.443, 86.651
Yxy	40.9215, 0.4559, 0.4645
Android (android.graphics.Color)	4291929630 (0xFFD1A61E)
YUV	163.3530, -65.7430, 40.0324
Hunter-Lab	63.9699, 0.1282, 38.2818

Details

The Hex color **D1A61E** 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 **1E49D1**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFDD5A**, and **967300** is the 20% darker color. If you saturate the color by 10%, you get **D1A109**, and if you desaturate by 10%, it is **D1AB33**.

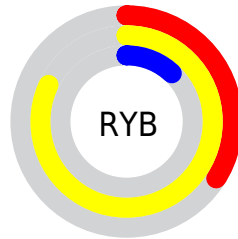
Distribution



Red (82%)

Green (65%)

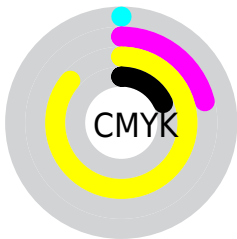
Blue (12%)



Red (34%)

Yellow (82%)

Blue (12%)

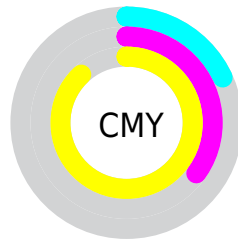


Cyan (0%)

Magenta (21%)

Yellow (86%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1A61E 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 D1A61E by changing the saturation by 10% instead.

 D1A61E

 D1A61E

FFFFFF

 B38C00

 FFDD5A

 967300

 FFF976

 795A00

 FFFF91

 5D4300

 FFFFAD

 422D00

 FFFFCA

 281900

 FFFFE7

 0B0000

 000000

 D1A61E

 D1A61E

 D1A109

 D1AB33

 D19F00

 D1B048

 D1B55D

 D1BA72

 D1BF87

 D1C49B

 D1C9B0

 D1CEC5

 D1D3DA

Harmonies

Analogous

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



FF8E42



D1A61E



95B830

Triad

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



D1A61E



00C8E2



F082F1

Complementary

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



D1A61E



1E49D1

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.



9F9EFF



D1A61E



00C3FF

Square

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



D1A61E



00C8A2



00B5FF



FF70B5

Rectangle

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



D1A61E



61C050



00B5FF



DA8BFF

Sweetspot

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



D1A61E



FFEFBD



D11E4B



807658



000000



808080

Same Dimension

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



D1A61E



FFC200



A4D11E



69665E



A88000



291F00

Inverse Universe

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



1E49D1



003DFF



4B1ED1



5E6169



0028A8



000A29

Previews

White Background



This preview shows how the Hex color D1A61E looks on a white background.

Color Contrast Check

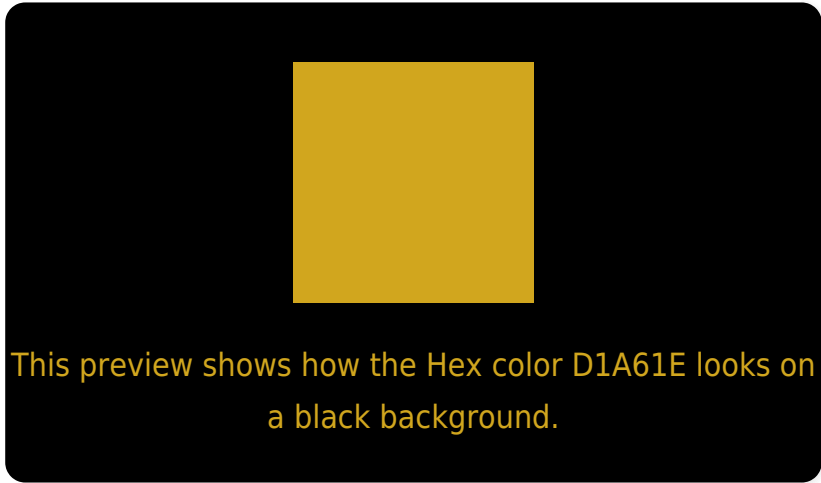
Large Text (above 18pt) WCAG AA × Fail

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 D1A61E Background



This preview shows how black text looks on a background with the Hex color D1A61E.



This preview shows how white text looks on a background with the Hex color D1A61E.

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
D1A61E

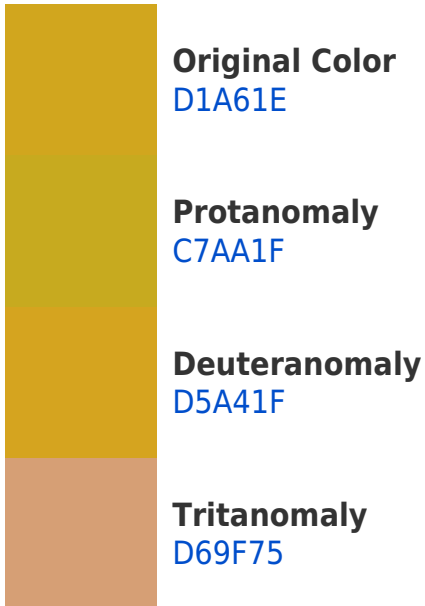
Protanopia
C1AC20

Deuteranopia
D8A320



Tritanopia
D99BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D1A61E 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 #D1A61E looks like.

```
.text, #text, p{  
    color:#D1A61E  
}
```

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 #D1A61E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1A61E
}
```

Border

The CSS property to change the border of an element to Hex D1A61E 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
#D1A61E }
```

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

```
.border{ border-color:#D1A61E }
```

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

Here you see how a box with a 4 pixel #D1A61E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1A61E; -webkit-box-shadow:4px 4px  
4px 4px #D1A61E; box-shadow:4px 4px 4px  
4px #D1A61E }
```

Background

The CSS property to change the background color of an element to Hex D1A61E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1A61E }
```

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

```
.background{ background-color:#D1A61E }
```

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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