

Converting Colors

Hex(D4A90B)

Have a look what the booklet for
Hex(D4A90B) contains.

Hex(D4A90B)	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(D4A90B)

Conversions

Conversions Part 1

Format	Color
Hex	D4A90B
RGB	212, 169, 11
RGB Percent	83%, 66%, 4%
CMY	0.1686, 0.3373, 0.9569
CMYK	0.00, 0.20, 0.95, 0.17
HSL	47°, 90%, 44%
HSV	47°, 95%, 83%
XYZ	41.3997, 42.3971, 6.3181
YIQ	163.8450, 76.3460, -40.0220

Conversions

Conversions Part 2

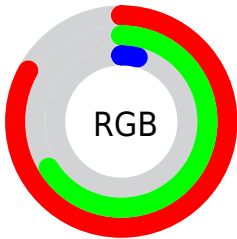
Format	Color
RYB	66, 212, 11
Decimal	13936907
CIELab	71.14, 3.39, 72.82
CIELCh	71, 72.898, 87.331
Yxy	42.3971, 0.4594, 0.4705
Android (android.graphics.Color)	4292126987 (0xFFD4A90B)
YUV	163.8450, -75.3526, 42.2319
Hunter-Lab	65.1131, -0.4553, 39.8261

Details

The Hex color **D4A90B** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0B36D4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFE052**, and **987500** is the 20% darker color. If you saturate the color by 10%, you get **D4A700**, and if you desaturate by 10%, it is **D4AE20**.

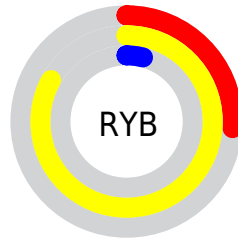
Distribution



Red (83%)

Green (66%)

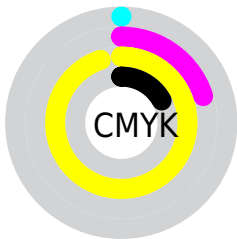
Blue (4%)



Red (26%)

Yellow (83%)

Blue (4%)

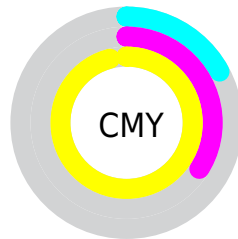


Cyan (0%)

Magenta (20%)

Yellow (95%)

Black (17%)



Cyan (17%)

Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4A90B 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 D4A90B by changing the saturation by 10% instead.

 D4A90B

 D4A90B

FFFFFF

 B68F00

 FFE052

 987500

 FFFC6E

 7C5D00

 FFFF8A

 5F4600

 FFFFA6

 443000

 FFFFC3

 2A1B00

 FFFFEO

 0F0100

FFFFFFE

 000000

 D4A90B

 D4A90B

 D4A700

 D4AE20

 D4B235

 D4B74B

 D4BB60

 D4C075

 D4C48A

 D4C99F

 D4CDB5

 D4D2CA

Harmonies

Analogous

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



FF8F3C



D4A90B



93BC27

Triad

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



D4A90B



00CDE9



F881F7

Complementary

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



D4A90B



0B36D4

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.



A29FFF



D4A90B



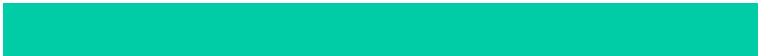
00C7FF

Square

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



D4A90B



00CDA6



00B8FF



FF6CB7

Rectangle

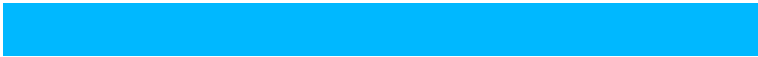
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4A90B



5AC44D



00B8FF



E18BFF

Sweetspot

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



D4A90B



FFF0B8



D40B37



807654



000000



808080

Same Dimension

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



D4A90B



FFC800



9BD40B



6B6960



AB8600



2B2200

Inverse Universe

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



0B36D4



0037FF



440BD4



60636B



0025AB



00092B

Previews

White Background



This preview shows how the Hex color D4A90B looks on a white background.

Color Contrast Check

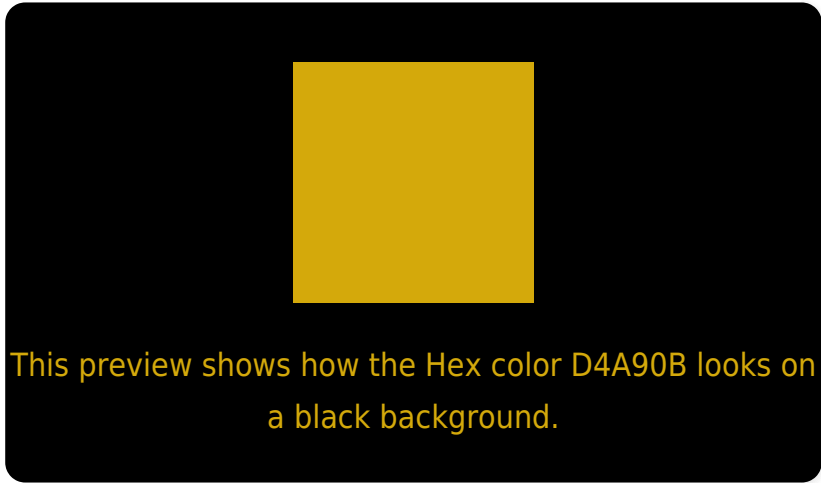
Large Text (above 18pt) WCAG AA × Fail

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 D4A90B Background



This preview shows how black text looks on a background with the Hex color D4A90B.



This preview shows how white text looks on a background with the Hex color D4A90B.

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
D4A90B

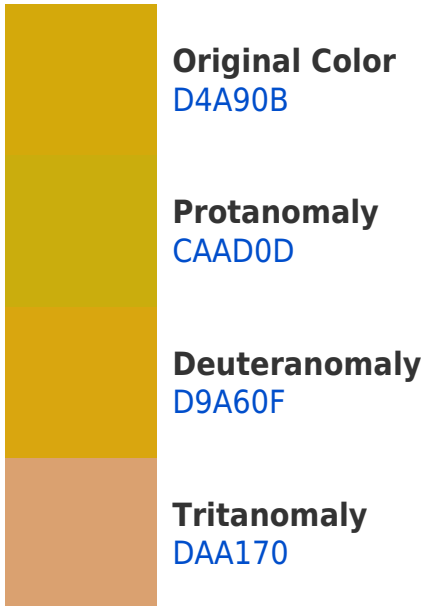
Protanopia
C5AF0E

Deuteranopia
DCA511

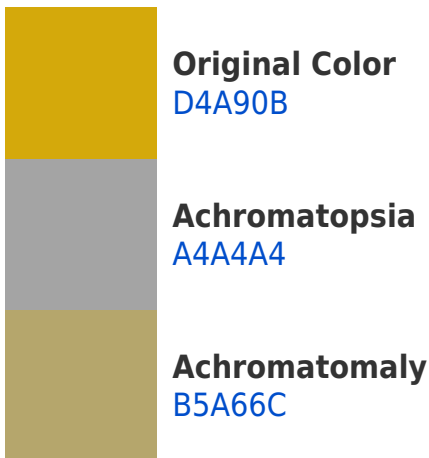


Tritanopia
DD9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D4A90B 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 #D4A90B looks like.

```
.text, #text, p{  
    color:#D4A90B  
}
```

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 #D4A90B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4A90B
}
```

Border

The CSS property to change the border of an element to Hex D4A90B 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
#D4A90B }
```

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

```
.border{ border-color:#D4A90B }
```

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

Here you see how a box with a 4 pixel #D4A90B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4A90B; -webkit-box-shadow:4px 4px  
4px 4px #D4A90B; box-shadow:4px 4px 4px  
4px #D4A90B }
```

Background

The CSS property to change the background color of an element to Hex D4A90B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4A90B }
```

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

```
.background{ background-color:#D4A90B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor