

Converting Colors

Hex(D2A646)

Have a look what the booklet for
Hex(D2A646) contains.

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Color

Hex(D2A646)

Conversions

Conversions Part 1

Format	Color
Hex	D2A646
RGB	210, 166, 70
RGB Percent	82%, 65%, 27%
CMY	0.1765, 0.3490, 0.7255
CMYK	0.00, 0.21, 0.67, 0.18
HSL	41°, 61%, 55%
HSV	41°, 67%, 82%
XYZ	41.3201, 41.4163, 11.6107
YIQ	168.2120, 57.0400, -20.5280

Conversions

Conversions Part 2

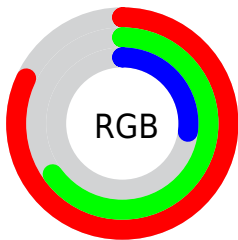
Format	Color
RYB	134, 210, 70
Decimal	13805126
CIELab	70.47, 6.07, 54.24
CIELCh	70, 54.578, 83.614
Yxy	41.4163, 0.4380, 0.4390
Android (android.graphics.Color)	4291995206 (0xFFD2A646)
YUV	168.2120, -48.4185, 36.6481
Hunter-Lab	64.3555, 1.9856, 34.3520

Details

The Hex color **D2A646** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4672D2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFDD7A**, and **98720D** is the 20% darker color. If you saturate the color by 10%, you get **D29F31**, and if you desaturate by 10%, it is **D2AD5B**.

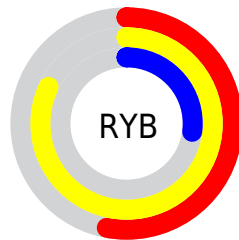
Distribution



Red (82%)

Green (65%)

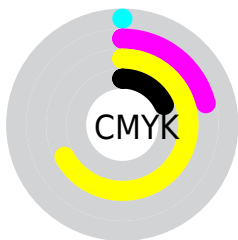
Blue (27%)



Red (53%)

Yellow (82%)

Blue (27%)

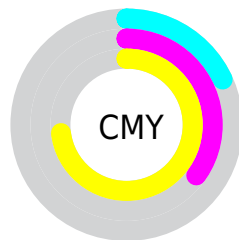


Cyan (0%)

Magenta (21%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2A646 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 D2A646 by changing the saturation by 10% instead.

 D2A646

 D2A646

FFFFFF

 B58C2C

 FFDD7A

 98720D

 FFF995

 7B5A00

 FFFFB1


 604300

 FFFFCD

 452D00

 FFFFEA

 2B1900

 110000

 000000

 D2A646

 D2A646

 D29F31

 D2AD5B

 D2991C

 D2B370

 D29207

 D2BA85

 D29000

 D2C09A

 D2C7AF

 D2CEC4

 D2D4D9

 D2DBEE

 D2E1FF

Harmonies

Analogous

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



F6935E



D2A646



A2B54D

Triad

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



D2A646



00C5D3



DF90E8

Complementary

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



D2A646



4672D2

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.



9EA4FF



D2A646



00C0FB

Square

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



D2A646



00C5A0



15B5FF



FF82B9

Rectangle

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



D2A646



7CBD61



15B5FF



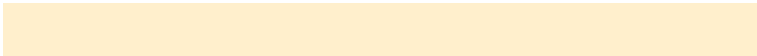
CD96F5

Sweetspot

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



D2A646



FFEFCF



D24672



807661



000000



808080

Same Dimension

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



D2A646



FFBF33



B8D246



69655E



A87300



291C00

Inverse Universe

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



4672D2



3373FF



6046D2



5E6169



0035A8



000D29

Previews

White Background



This preview shows how the Hex color D2A646 looks on a white background.

Color Contrast Check

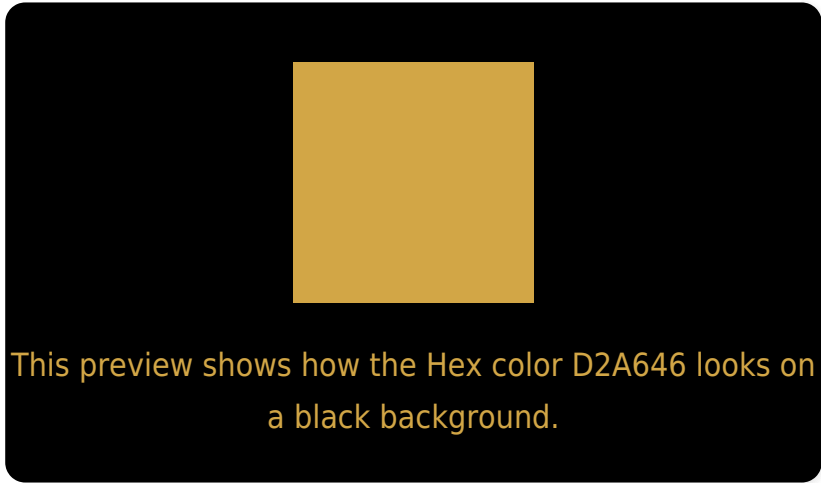
Large Text (above 18pt) WCAG AA × Fail

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 D2A646 Background



This preview shows how black text looks on a background with the Hex color D2A646.



This preview shows how white text looks on a background with the Hex color D2A646.

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
D2A646

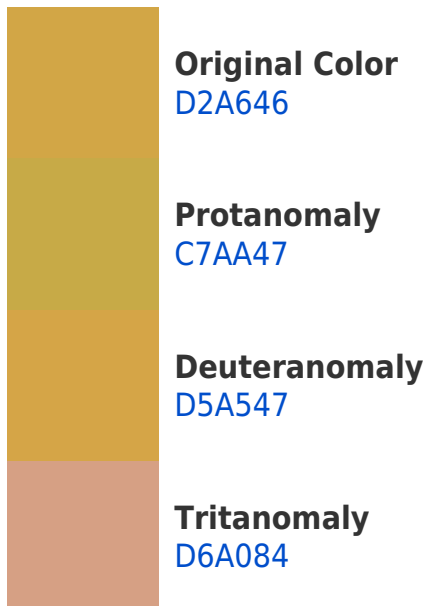
Protanopia
C0AD48

Deuteranopia
D6A447

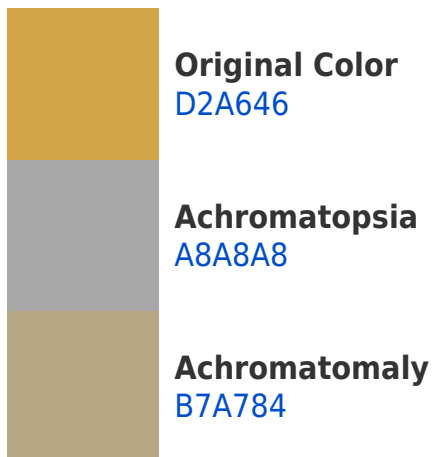


Tritanopia
D99CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D2A646 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 #D2A646 looks like.

```
.text, #text, p{  
    color:#D2A646  
}
```

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 #D2A646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A646
}
```

Border

The CSS property to change the border of an element to Hex D2A646 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
#D2A646 }
```

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

```
.border{ border-color:#D2A646 }
```

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

Here you see how a box with a 4 pixel #D2A646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A646; -webkit-box-shadow:4px 4px  
4px 4px #D2A646; box-shadow:4px 4px 4px  
4px #D2A646 }
```

Background

The CSS property to change the background color of an element to Hex D2A646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A646 }
```

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

```
.background{ background-color:#D2A646 }
```

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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