

Converting Colors

Hex(D79821)

Have a look what the booklet for
Hex(D79821) contains.

Hex(D79821)	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(D79821)

Conversions

Conversions Part 1

Format	Color
Hex	D79821
RGB	215, 152, 33
RGB Percent	84%, 60%, 13%
CMY	0.1569, 0.4039, 0.8706
CMYK	0.00, 0.29, 0.85, 0.16
HSL	39°, 73%, 49%
HSV	39°, 85%, 84%
XYZ	39.5271, 37.0134, 6.4998
YIQ	157.2710, 75.7470, -23.6530

Conversions

Conversions Part 2

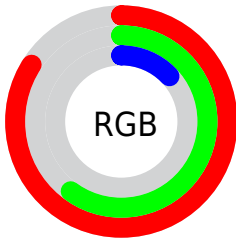
Format	Color
RYB	129, 215, 33
Decimal	14129185
CIELab	67.29, 14.22, 65.43
CIELCh	67, 66.960, 77.743
Yxy	37.0134, 0.4760, 0.4457
Android (android.graphics.Color)	4292319265 (0xFFD79821)
YUV	157.2710, -61.2656, 50.6283
Hunter-Lab	60.8386, 9.5046, 36.2526

Details

The Hex color **D79821** 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 **2160D7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFCE5A**, and **9B6500** is the 20% darker color. If you saturate the color by 10%, you get **D7910B**, and if you desaturate by 10%, it is **D79F36**.

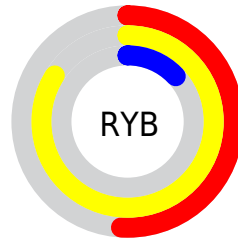
Distribution



Red (84%)

Green (60%)

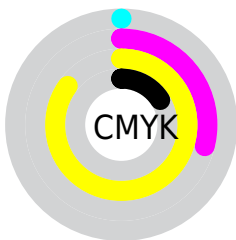
Blue (13%)



Red (51%)

Yellow (84%)

Blue (13%)

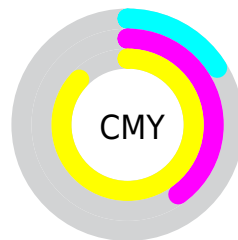


Cyan (0%)

Magenta (29%)

Yellow (85%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D79821 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 D79821 by changing the saturation by 10% instead.

 D79821

 D79821

FFFFFF

 B97E00

 FFCE5A

 9B6500

 FFEA75

 7E4D00

 FFFF91

 613700

 FFFFAD

 452100

 FFFFC9

 2C0D00

 FFFFEE

 070000

 000000

 D79821

 D79821

 D7910B

 D79F36

 D78D00

 D7A74C

 D7AE61

 D7B677

 D7BD8C

 D7C5A2

 D7CCB8

 D7D4CD

 D7DBE3

Harmonies

Analogous

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



FF7F4C



D79821



A0AC20

Triad

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



D79821



00C0C7



D484F6

Complementary

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



D79821



2160D7

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.



739EFF



D79821



00BDFC

Square

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



D79821



00BF88



00B2FF



FF6DBF

Rectangle

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



D79821



73B53C



00B2FF



BA8DFF

Sweetspot

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



D79821



FFE9BF



D72161



807259



000000



808080

Same Dimension

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



D79821



FFA700



BCD721



6B6760



AB7000



2B1C00

Inverse Universe

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



2160D7



0058FF



3C21D7



60646B



003BAB



000F2B

Previews

White Background



This preview shows how the Hex color D79821 looks on a white background.

Color Contrast Check

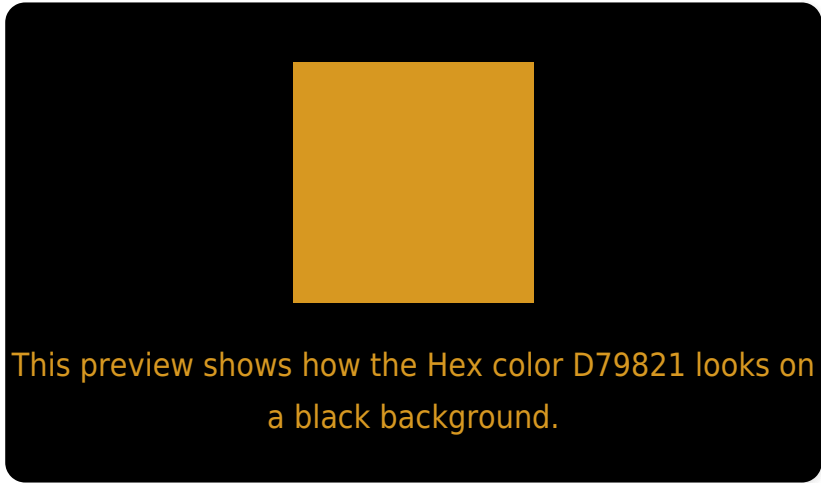
Large Text (above 18pt) WCAG AA × Fail

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 D79821 Background



This preview shows how black text looks on a background with the Hex color D79821.



This preview shows how white text looks on a background with the Hex color D79821.

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](#).

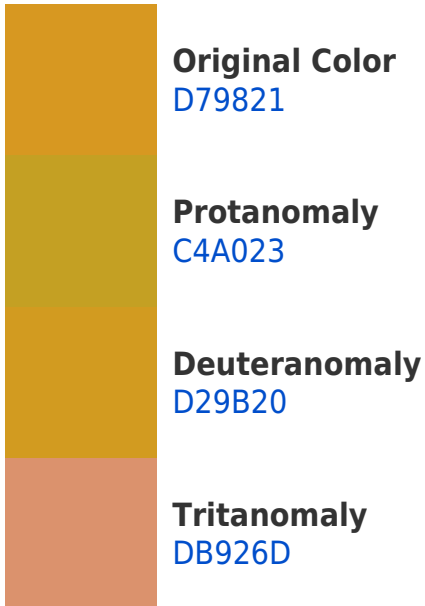
Dichromacy



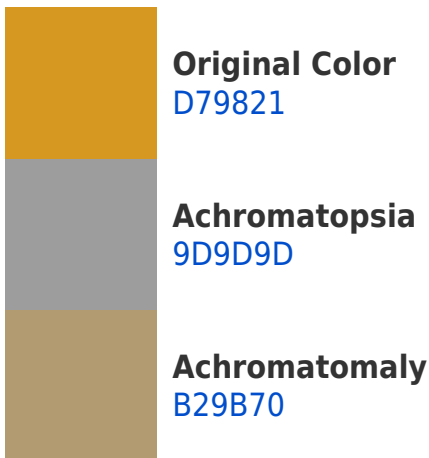


Tritanopia
DE8E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D79821 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 #D79821 looks like.

```
.text, #text, p{  
    color:#D79821  
}
```

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 #D79821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D79821
}
```

Border

The CSS property to change the border of an element to Hex D79821 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
#D79821 }
```

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

```
.border{ border-color:#D79821 }
```

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

Here you see how a box with a 4 pixel #D79821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D79821; -webkit-box-shadow:4px 4px  
4px 4px #D79821; box-shadow:4px 4px 4px  
4px #D79821 }
```

Background

The CSS property to change the background color of an element to Hex D79821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D79821 }
```

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

```
.background{ background-color:#D79821 }
```

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