

Converting Colors

Hex(D78501)

Have a look what the booklet for
Hex(D78501) contains.

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Color

Hex(D78501)

Conversions

Conversions Part 1

Format	Color
Hex	D78501
RGB	215, 133, 1
RGB Percent	84%, 52%, 0%
CMY	0.1569, 0.4784, 0.9961
CMYK	0.00, 0.38, 1.00, 0.16
HSL	37°, 99%, 42%
HSV	37°, 100%, 84%
XYZ	36.4173, 31.2243, 4.1362
YIQ	142.4700, 91.2440, -23.6680

Conversions

Conversions Part 2

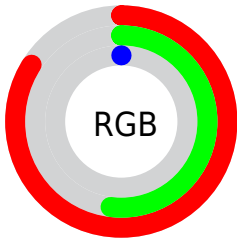
Format	Color
RYB	134, 215, 1
Decimal	14124289
CIELab	62.70, 23.95, 68.45
CIElCh	63, 72.519, 70.718
Yxy	31.2243, 0.5074, 0.4350
Android (android.graphics.Color)	4292314369 (0xFFD78501)
YUV	142.4700, -69.7447, 63.6088
Hunter-Lab	55.8787, 18.5444, 34.7264

Details

The Hex color **D78501** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0153D7**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFBA48**, and **9A5300** is the 20% darker color. If you saturate the color by 10%, you get **D78500**, and if you desaturate by 10%, it is **D78D16**.

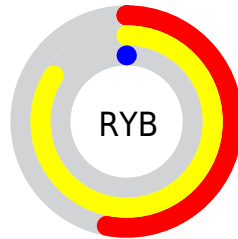
Distribution



Red (84%)

Green (52%)

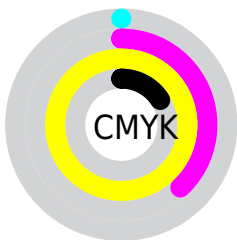
Blue (0%)



Red (53%)

Yellow (84%)

Blue (0%)

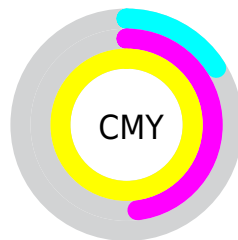


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D78501 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 D78501 by changing the saturation by 10% instead.

 D78501

 D78501

FFFFFF

 B86C00

 FFBA48

 9A5300

 FFD663

 7C3C00

 FFF37E

 5F2500

 FFFF9A

 430F00

 FFFFB6

 2A0000

 FFFFD3

 000000

 FFFFF0

 D78501

 D78501

 D78500

 D78D16

 D7952C

 D79E41

 D7A657

 D7AE6C

 D7B682

 D7BF98

 D7C7AD

 D7CFC3

Harmonies

Analogous

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



FD6846



D78501



A09C00

Triad

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



D78501



00B5AE



B77BFA

Complementary

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



D78501



0153D7

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.



0098FF



D78501



00B3EB

Square

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



D78501



00B26A



00AAFF



F55DC4

Rectangle

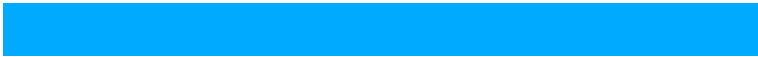
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D78501



74A70F



00AAFF



9686FF

Sweetspot

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



D78501



FFE2B3



D70153



806E52



000000



808080

Same Dimension

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



D78501



FF9D00



BED701



6B6760



AB6900



2B1B00

Inverse Universe

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



0153D7



0062FF



1A01D7



60646B



0041AB



00112B

Previews

White Background



This preview shows how the Hex color D78501 looks on a white background.

Color Contrast Check

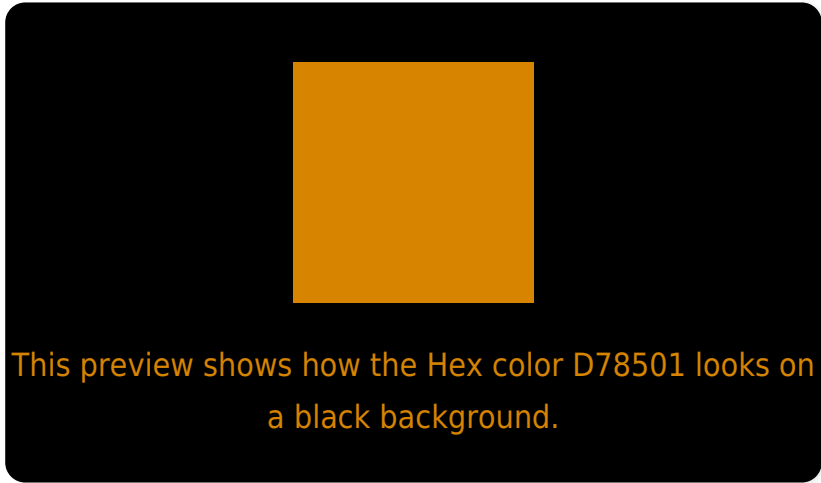
Large Text (above 18pt) WCAG AA × Fail

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 D78501 Background



This preview shows how black text looks on a background with the Hex color D78501.



This preview shows how white text looks on a background with the Hex color D78501.

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
D78501

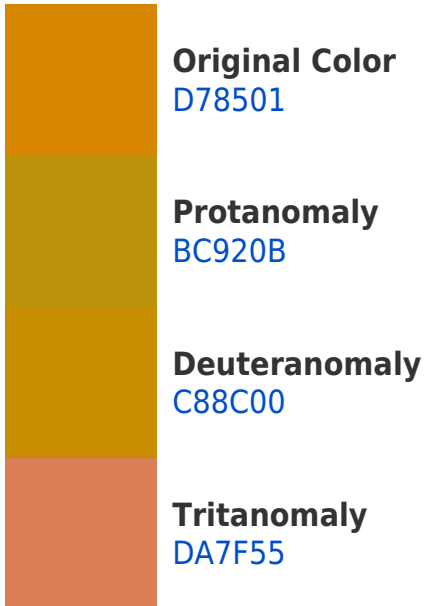
Protanopia
AC9910

Deuteranopia
C09000

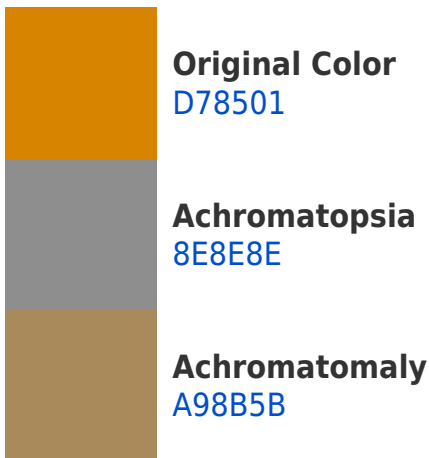


Tritanopia
DC7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D78501 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 #D78501 looks like.

```
.text, #text, p{  
    color:#D78501  
}
```

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 #D78501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D78501
}
```

Border

The CSS property to change the border of an element to Hex D78501 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
#D78501 }
```

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

```
.border{ border-color:#D78501 }
```

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

Here you see how a box with a 4 pixel #D78501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D78501; -webkit-box-shadow:4px 4px  
4px 4px #D78501; box-shadow:4px 4px 4px  
4px #D78501 }
```

Background

The CSS property to change the background color of an element to Hex D78501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D78501 }
```

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

```
.background{ background-color:#D78501 }
```

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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