

# Converting Colors

Hex(D77929)

Have a look what the booklet for  
Hex(D77929) contains.

|  |    |
|--|----|
| <b>Hex(D77929)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(D77929)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D77929                     |
| RGB           | 215, 121, 41               |
| RGB Percent   | 84%, 47%, 16%              |
| CMY           | 0.1569, 0.5255, 0.8392     |
| CMYK          | 0.00, 0.44, 0.81, 0.16     |
| HSL           | 28°, 69%, 50%              |
| HSV           | 28°, 81%, 84%              |
| XYZ           | 35.2619, 28.2819, 5.6983   |
| YIQ           | 139.9860, 81.7040, -4.9520 |

# Conversions

## Conversions Part 2

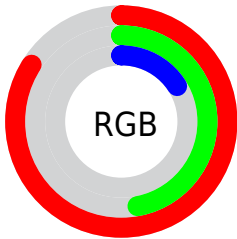
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 215, 189, 41                   |
| Decimal                             | 14121257                       |
| CIE Lab                             | 60.14, 31.07, 56.47            |
| CIE LCh                             | 60, 64.455, 61.178             |
| Yxy                                 | 28.2819, 0.5093,<br>0.4084     |
| Android<br>(android.graphics.Color) | 4292311337<br>(0xFFD77929)     |
| YUV                                 | 139.9860, -48.8001,<br>65.7873 |
| Hunter-Lab                          | 53.1807, 25.2896,<br>30.8736   |

# Details

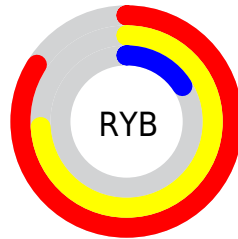
The Hex color **D77929** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2987D7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAE5D**, and **9A4700** is the 20% darker color. If you saturate the color by 10%, you get **D76D14**, and if you desaturate by 10%, it is **D7853E**.

# Distribution



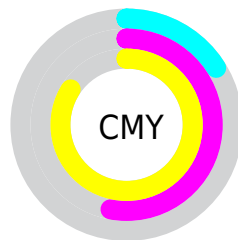
- Red (84%)
- Green (47%)
- Blue (16%)



- Red (84%)
- Yellow (74%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (53%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D77929 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 D77929 by changing the saturation by 10% instead.



 D77929

 D77929

FFFFFF

 B8600A

 FFAE5D

 9A4700

 FFCA77

 7C2F00

 FFE692

 5F1700

 FFFFAD

 430000

 FFFFC9

 2C0001

 FFFF E6

 000000

 D77929

 D77929

 D76D14

 D7853E

 D76300

 D79054

 D79C6A

 D7A77F

 D7B395

 D7BFAA

 D7CAC0

 D7D6D5

 D7E2EB

# Harmonies

## Analogous

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



F2615A



D77929



AB8F00

# Triad

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



D77929



00AB92



9381F3

# Complementary

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



D77929



2987D7

# 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.



0097FF



D77929



00ABCA

# Square

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



D77929



00A757



00A5F4



D767C9

# Rectangle

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



D77929



869A12



00A5F4



6F89FC



# Sweetspot

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



D77929



FFDEC2



D72989



806C5B



000000



808080



# Same Dimension

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



D77929



FF7908



D7CE29



6B6560



AB4F00



2B1400



# Inverse Universe

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



2987D7



088DFF



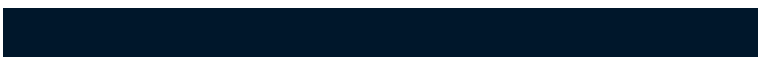
2932D7



60666B



005CAB



00172B



# Previews

## White Background



This preview shows how the Hex color D77929 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D77929 Background



This preview shows how black text looks on a background with the Hex color D77929.



This preview shows how white text looks on a background with the Hex color D77929.

# 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



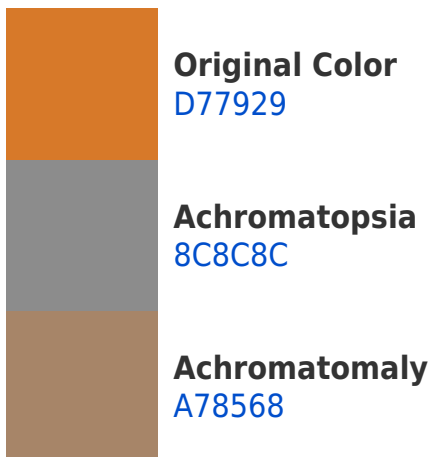


**Tritanopia**  
DB7179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D77929 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 #D77929 looks like.

```
.text, #text, p{  
    color:#D77929  
}
```

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 #D77929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D77929
}
```

## Border

The CSS property to change the border of an element to Hex D77929 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
#D77929 }
```

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

```
.border{ border-color:#D77929 }
```

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

Here you see how a box with a 4 pixel #D77929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D77929; -webkit-box-shadow:4px 4px  
4px 4px #D77929; box-shadow:4px 4px 4px  
4px #D77929 }
```

# Background

The CSS property to change the background color of an element to Hex D77929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D77929 }
```

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

```
.background{ background-color:#D77929 }
```

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