

# Converting Colors

Hex(D77328)

Have a look what the booklet for  
Hex(D77328) contains.

<b>Hex(D77328)</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(D77328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D77328
RGB	215, 115, 40
RGB Percent	84%, 45%, 16%
CMY	0.1569, 0.5490, 0.8431
CMYK	0.00, 0.47, 0.81, 0.16
HSL	26°, 69%, 50%
HSV	26°, 81%, 84%
XYZ	34.5381, 26.8617, 5.3720
YIQ	136.3500, 83.6750, -2.1250

# Conversions

## Conversions Part 2

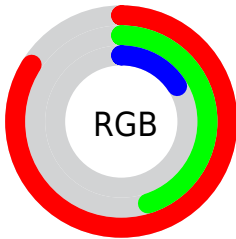
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 171, 40
Decimal	14119720
CIE Lab	58.85, 34.19, 55.69
CIE LCh	59, 65.347, 58.456
Yxy	26.8617, 0.5173, 0.4023
Android (android.graphics.Color)	4292309800 (0xFFD77328)
YUV	136.3500, -47.5005, 68.9761
Hunter-Lab	51.8283, 28.2517, 30.1345

# Details

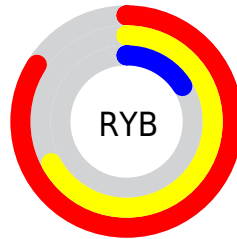
The Hex color **D77328** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **288CD7**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA85B**, and **9A4100** is the 20% darker color. If you saturate the color by 10%, you get **D76713**, and if you desaturate by 10%, it is **D77F3E**.

# Distribution



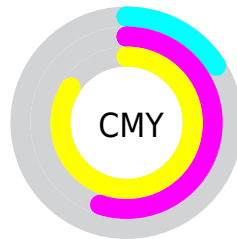
- Red (84%)
- Green (45%)
- Blue (16%)



- Red (84%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D77328 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 D77328 by changing the saturation by 10% instead.



 D77328

 D77328

FFFFFF

 B85A09

 FFA85B

 9A4100

 FFC476

 7C2800

 FFE090

 5E0F00

 FFFDAB

 420000

 FFFFC7

 2A0001

 FFFF E4

 000000

 D77328

 D77328

 D76713

 D77F3E

 D75C00

 D78C53

 D79869

 D7A47E

 D7B094

 D7BDA9

 D7C9BF

 D7D5D4

 D7E2EA

# Harmonies

## Analogous

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



F15B5B



D77328



AC8A00

# Triad

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



D77328



00A889



8680F3

# Complementary

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



D77328



288CD7

# 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.



0095FF



D77328



00A8C3

# Square

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



D77328



00A34E



00A2EF



CF65CA

# Rectangle

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



D77328



889601



00A2EF



5E88FB



# Sweetspot

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



D77328



FFDCC2



D7288E



806A5B



000000



808080



# Same Dimension

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



D77328



FF7005



D7C828



6B6560



AB4900



2B1300

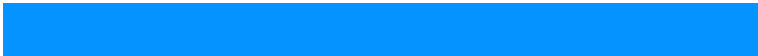


# Inverse Universe

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



288CD7



0594FF



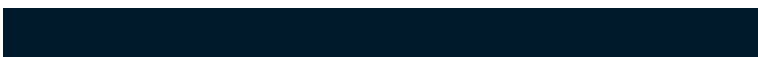
2837D7



60676B



0062AB



00192B



# Previews

## White Background



This preview shows how the Hex color D77328 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 D77328 Background



This preview shows how black text looks on a background with the Hex color D77328.



This preview shows how white text looks on a background with the Hex color D77328.

# 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**  
D77328

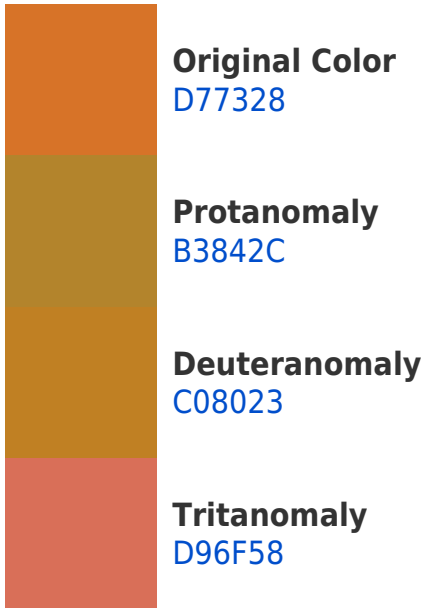
**Protanopia**  
9F8E2F

**Deuteranopia**  
B38720

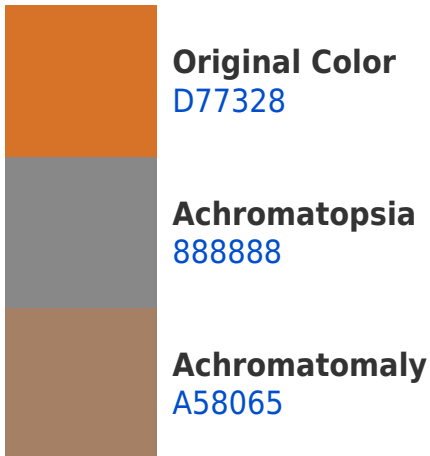


**Tritanopia**  
DA6C73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D77328 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 #D77328 looks like.

```
.text, #text, p{  
    color:#D77328  
}
```

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 #D77328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D77328
}
```

## Border

The CSS property to change the border of an element to Hex D77328 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
#D77328 }
```

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

```
.border{ border-color:#D77328 }
```

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

Here you see how a box with a 4 pixel #D77328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D77328; -webkit-box-shadow:4px 4px  
4px 4px #D77328; box-shadow:4px 4px 4px  
4px #D77328 }
```

# Background

The CSS property to change the background color of an element to Hex D77328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D77328 }
```

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

```
.background{ background-color:#D77328 }
```

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