

# Converting Colors

Hex(7D5600)

Have a look what the booklet for  
Hex(7D5600) contains.

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**Color**

**Hex(7D5600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D5600
RGB	125, 86, 0
RGB Percent	49%, 34%, 0%
CMY	0.5098, 0.6627, 1.0000
CMYK	0.00, 0.31, 1.00, 0.51
HSL	41°, 100%, 25%
HSV	41°, 100%, 49%
XYZ	11.7852, 11.0156, 1.5051
YIQ	87.8570, 50.8500, -18.4780

# Conversions

## Conversions Part 2

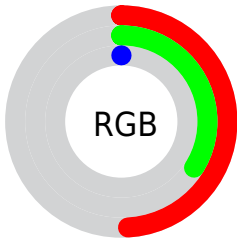
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 125, 0
Decimal	8214016
CIELab	39.61, 9.64, 47.87
CIELCh	40, 48.837, 78.611
Yxy	11.0156, 0.4849, 0.4532
Android (android.graphics.Color)	4286404096 (0xFF7D5600)
YUV	87.8570, -43.3135, 32.5744
Hunter-Lab	33.1897, 5.3011, 20.5441

# Details

The Hex color **7D5600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **00277D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B68839**, and **472900** is the 20% darker color. If you saturate the color by 10%, you get **7D5600**, and if you desaturate by 10%, it is **7D5A0C**.

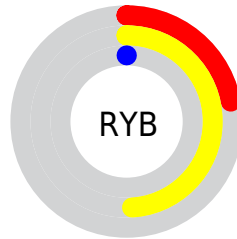
# Distribution



Red (49%)

Green (34%)

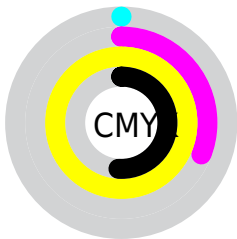
Blue (0%)



Red (22%)

Yellow (49%)

Blue (0%)

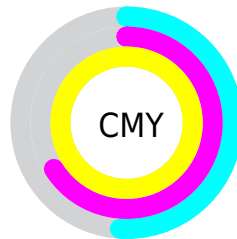


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D5600 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 7D5600 by changing the saturation by 10% instead.



 7D5600

 7D5600

 FFFFF5

 623F00

 B68839

 472900

 D3A252

 2D1500

 F1BD6B

 130000

 FFD885

 000000

 FFF5A0

 FFFFBC

 FFFFD8

 7D5600

 7D5A0C

 7D5E19

 7D6226

 7D6632

 7D6A3F

 7D6D4B

 7D7157

 7D7564

 7D7971

# Harmonies

## Analogous

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



984522



7D5600



596300

# Triad

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



7D5600



007076



7E4792

# Complementary

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



7D5600



00277D

# 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.



3C59A9



7D5600



006D98

# Square

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



7D5600



006F4C



0066AC



9D376E

# Rectangle

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



7D5600



3B6918



0066AC



6D4D9C



# Sweetspot

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



7D5600



A39472



7D0028



524834



D1D1D1



525252



# Same Dimension

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



7D5600



A37000



667D00



403E39



805800



000000



# Inverse Universe

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



00277D



0033A3



17007D



393B40



002880

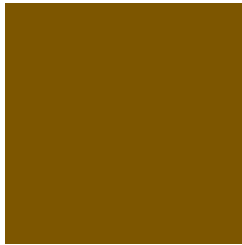


000000



# Previews

## White Background



This preview shows how the Hex color 7D5600 looks on a white background.

## Color Contrast Check

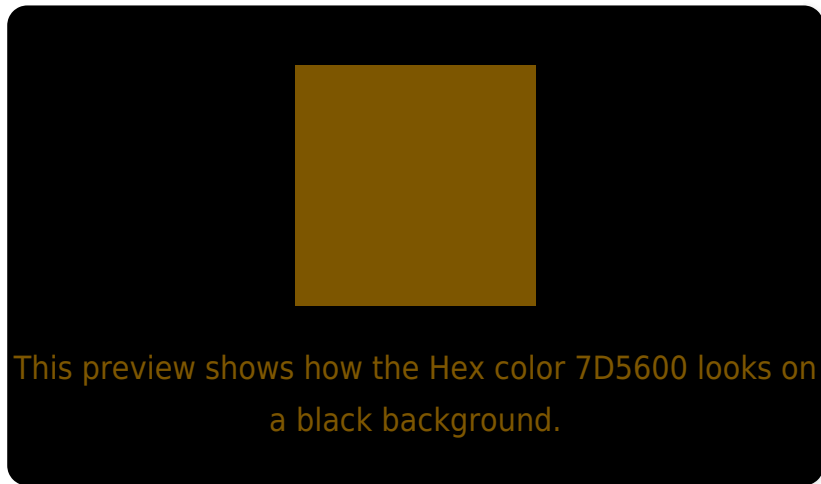
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 7D5600 Background



This preview shows how black text looks on a background with the Hex color 7D5600.



This preview shows how white text looks on a background with the Hex color 7D5600.

# 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**  
7D5600

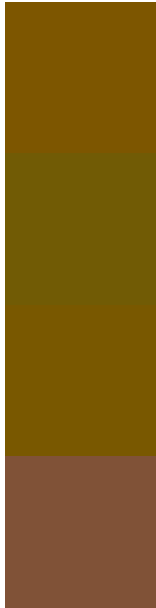
**Protanopia**  
6A5E08

**Deuteranopia**  
775900



**Tritanopia**  
815056

# Trichromacy



**Original Color**  
7D5600

**Protanomaly**  
715B05

**Deuteranomaly**  
795800

**Tritanomaly**  
805237

# Monochromacy



**Original Color**  
7D5600

**Achromatopsia**  
585858

**Achromatomaly**  
655738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D5600 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 #7D5600 looks like.

```
.text, #text, p{  
    color:#7D5600  
}
```

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 #7D5600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D5600
}
```

## Border

The CSS property to change the border of an element to Hex 7D5600 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
#7D5600 }
```

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

```
.border{ border-color:#7D5600 }
```

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

Here you see how a box with a 4 pixel #7D5600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D5600; -webkit-box-shadow:4px 4px  
4px 4px #7D5600; box-shadow:4px 4px 4px  
4px #7D5600 }
```

# Background

The CSS property to change the background color of an element to Hex 7D5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D5600 }
```

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

```
.background{ background-color:#7D5600 }
```

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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