

# Converting Colors

Hex(7D3F15)

Have a look what the booklet for  
Hex(7D3F15) contains.

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**Color**

**Hex(7D3F15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3F15
RGB	125, 63, 21
RGB Percent	49%, 25%, 8%
CMY	0.5098, 0.7529, 0.9176
CMYK	0.00, 0.50, 0.83, 0.51
HSL	24°, 71%, 29%
HSV	24°, 83%, 49%
XYZ	10.3703, 7.9691, 1.7011
YIQ	76.7500, 50.4340, 0.0820

# Conversions

## Conversions Part 2

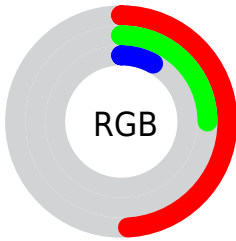
Format	Color
<b>R<sub>YB</sub></b>	125, 91, 21
Decimal	8208149
CIE Lab	33.92, 23.76, 36.07
CIE LCh	34, 43.188, 56.631
Yxy	7.9691, 0.5175, 0.3977
Android (android.graphics.Color)	4286398229 (0xFF7D3F15)
YUV	76.7500, -27.4847, 42.3152
Hunter-Lab	28.2296, 16.1710, 16.1880

# Details

The Hex color **7D3F15** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **15537D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B67043**, and **461200** is the 20% darker color. If you saturate the color by 10%, you get **7D3808**, and if you desaturate by 10%, it is **7D4622**.

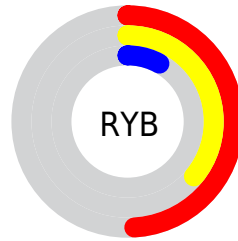
# Distribution



Red (49%)

Green (25%)

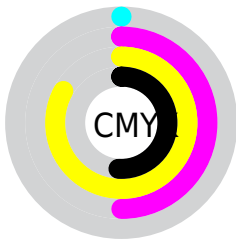
Blue (8%)



Red (49%)

Yellow (36%)

Blue (8%)

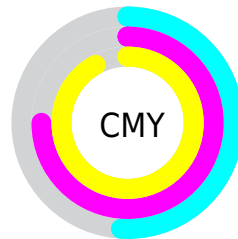


Cyan (0%)

Magenta (50%)

Yellow (83%)

Black (51%)



Cyan (51%)

Magenta (75%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3F15 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 7D3F15 by changing the saturation by 10% instead.



 7D3F15

 7D3F15

FFFFFFE

 612800

 B67043

 461200

 D4895C

 2D0000

 F2A475

 000000

 FFBF8F

 FFDBA9

 FFF8C5

 FFFFE1

 7D3F15

 7D3F15

 7D3808

 7D4622

 7D3200

 7D4E2E

 7D553B

 7D5D47

 7D6453

 7D6C60

 7D736D

 7D7B79

 7D8286

# Harmonies

## Analogous

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



8B3133



7D3F15



644D00

# Triad

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



7D3F15



005F4B



47488D

# Complementary

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



7D3F15



15537D

# 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.



005594



7D3F15



005F6E

# Square

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



7D3F15



095D28



005C89



753876

# Rectangle

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



7D3F15



4E5400



005C89



2E4D92



# Sweetspot

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



7D3F15



A38B7A



7D1553



524339



D1D1D1



525252



# Same Dimension

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



7D3F15



A34200



7D7315



403C39



803300



000000



# Inverse Universe

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



15537D



0061A3



151F7D



393D40



004C80



000000



# Previews

## White Background



This preview shows how the Hex color 7D3F15 looks on a white background.

## Color Contrast Check

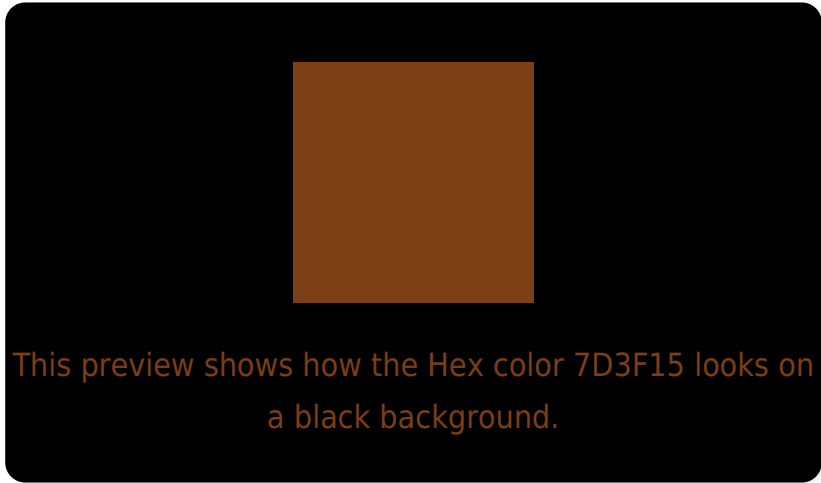
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Hex 7D3F15 Background



This preview shows how black text looks on a background with the Hex color 7D3F15.



This preview shows how white text looks on a background with the Hex color 7D3F15.

# 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**  
7D3F15

**Protanopia**  
5A511A

**Deuteranopia**  
664C0F



**Tritanopia**  
7F3B3F

# Trichromacy



**Original Color**  
7D3F15

**Protanomaly**  
674A18

**Deuteranomaly**  
6E4711

**Tritanomaly**  
7E3C30

# Monochromacy



**Original Color**  
7D3F15

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
5E4839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3F15 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 #7D3F15 looks like.

```
.text, #text, p{  
    color:#7D3F15  
}
```

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 #7D3F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3F15
}
```

## Border

The CSS property to change the border of an element to Hex 7D3F15 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
#7D3F15 }
```

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

```
.border{ border-color:#7D3F15 }
```

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

Here you see how a box with a 4 pixel #7D3F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3F15; -webkit-box-shadow:4px 4px  
4px 4px #7D3F15; box-shadow:4px 4px 4px  
4px #7D3F15 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3F15 }
```

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

```
.background{ background-color:#7D3F15 }
```

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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