

# Converting Colors

Hex(7A2011)

Have a look what the booklet for  
Hex(7A2011) contains.

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**Color**

**Hex(7A2011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A2011
RGB	122, 32, 17
RGB Percent	48%, 13%, 7%
CMY	0.5216, 0.8745, 0.9333
CMYK	0.00, 0.74, 0.86, 0.52
HSL	9°, 76%, 27%
HSV	9°, 86%, 48%
XYZ	8.6437, 5.2111, 1.0806
YIQ	57.2000, 58.4550, 14.4150

# Conversions

## Conversions Part 2

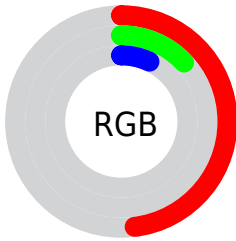
Format	Color
<a href="#">RYB</a>	122, 35, 17
Decimal	8003601
CIELab	27.33, 38.09, 31.72
CIElCh	27, 49.571, 39.789
Yxy	5.2111, 0.5787, 0.3489
Android (android.graphics.Color)	4286193681 (0xFF7A2011)
YUV	57.2000, -19.8186, 56.8296
Hunter-Lab	22.8278, 27.6404, 13.1729

# Details

The Hex color **7A2011** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **116B7A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B5533D**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7A1605**, and if you desaturate by 10%, it is **7A2A1D**.

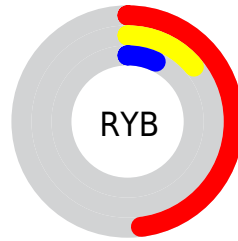
# Distribution



Red (48%)

Green (13%)

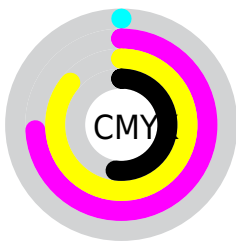
Blue (7%)



Red (48%)

Yellow (14%)

Blue (7%)

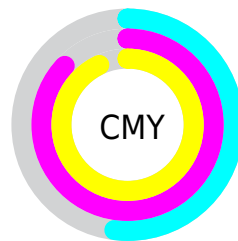


Cyan (0%)

Magenta (74%)

Yellow (86%)

Black (52%)



Cyan (52%)

Magenta (87%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A2011 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 7A2011 by changing the saturation by 10% instead.



 7A2011

 7A2011

 FFFFF4

 5E0100

 B5533D

 410000

 D36C54

 280001

 F1876D

 000000

 FFA286

 FFBDA1

 FFDABC

 FFF6D8

 7A2011

 7A2011

■ 7A1605

■ 7A2A1D

■ 7A1100

■ 7A3529

■ 7A3F36

■ 7A4A42

■ 7A544E

■ 7A5F5A

■ 7A6966

■ 7A7473

■ 7A7E7F

# Harmonies

## Analogous

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



820A36



7A2011



643500

# Triad

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



7A2011



004F24



00418C

# Complementary

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



7A2011



116B7A

# 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.



004C88



7A2011



00514C

# Square

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



7A2011



174B00



005071



50307C

# Rectangle

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



7A2011



503F00



005071



00468D



# Sweetspot

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



7A2011



9E7B75



7A116C



4F3A37



CFCFCF



4F4F4F



# Same Dimension

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



7A2011



9E1700



7A5411



3D3837



7D1200



FC2400



# Inverse Universe

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



116B7A



00889E



11387A



373C3D



006B7D



00D8FC



# Previews

## White Background



This preview shows how the Hex color 7A2011 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 7A2011 Background



This preview shows how black text looks on a background with the Hex color 7A2011.

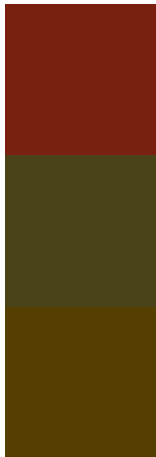


This preview shows how white text looks on a background with the Hex color 7A2011.

# 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**  
7A2011

**Protanopia**  
4A4219

**Deuteranopia**  
543F00



# Trichromacy



**Original Color**  
7A2011

**Protanomaly**  
5B3616

**Deuteranomaly**  
623406

**Tritanomaly**  
7A1F1A

# Monochromacy



**Original Color**  
7A2011

**Achromatopsia**  
393939

**Achromatomaly**  
51302A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A2011 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 #7A2011 looks like.

```
.text, #text, p{  
    color:#7A2011  
}
```

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 #7A2011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2011
}
```

## Border

The CSS property to change the border of an element to Hex 7A2011 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".

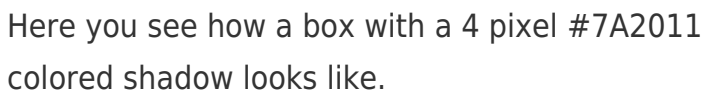
```
.border, #border, table{ border:4px solid
#7A2011 }
```

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

```
.border{ border-color:#7A2011 }
```

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

Here you see how a box with a 4 pixel #7A2011 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2011; -webkit-box-shadow:4px 4px  
4px 4px #7A2011; box-shadow:4px 4px 4px  
4px #7A2011 }
```

# Background

The CSS property to change the background color of an element to Hex 7A2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2011 }
```

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

```
.background{ background-color:#7A2011 }
```

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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