

# Converting Colors

Hex(7A2025)

Have a look what the booklet for  
Hex(7A2025) contains.

<b>Hex(7A2025)</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(7A2025)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A2025
RGB	122, 32, 37
RGB Percent	48%, 13%, 15%
CMY	0.5216, 0.8745, 0.8549
CMYK	0.00, 0.74, 0.70, 0.52
HSL	357°, 58%, 30%
HSV	357°, 74%, 48%
XYZ	8.8765, 5.3042, 2.3062
YIQ	59.4800, 52.0350, 20.6350

# Conversions

## Conversions Part 2

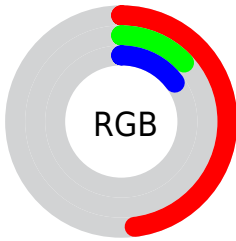
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 32, 37</a>
Decimal	<a href="#">8003621</a>
CIELab	<a href="#">27.58, 38.99, 19.81</a>
CIELCh	<a href="#">28, 43.730, 26.936</a>
Yxy	<a href="#">5.3042, 0.5384, 0.3217</a>
Android (android.graphics.Color)	<a href="#">4286193701</a> (0xFF7A2025)
YUV	<a href="#">59.4800, -11.0826, 54.8300</a>
Hunter-Lab	<a href="#">23.0308, 28.4932, 10.1844</a>

# Details

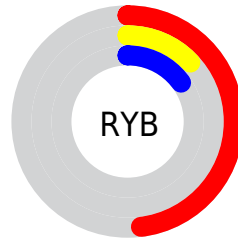
The Hex color **7A2025** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **207A75**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B45352**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7A1419**, and if you desaturate by 10%, it is **7A2C31**.

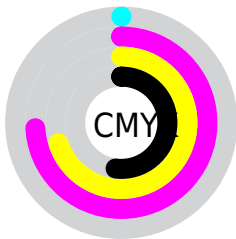
# Distribution



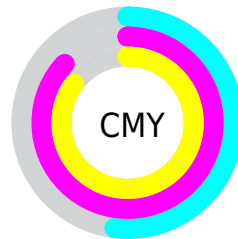
- Red (48%)
- Green (13%)
- Blue (15%)



- Red (48%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (74%)
- Yellow (70%)
- Black (52%)



- Cyan (52%)
- Magenta (87%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A2025 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 7A2025 by changing the saturation by 10% instead.



 7A2025

 7A2025

FFFFFF

 5E0011

 B45352

 430000

 D16D6A

 290001

 EF8783

 000000

 FFA29D

 FFBEB8

 FFDAD4

 FFF7F0

 7A2025

 7A2025

■ 7A1419

■ 7A2C31

■ 7A080E

■ 7A383C

■ 7A0007

■ 7A4548

■ 7A5153

■ 7A5D5F

■ 7A696A

■ 7A7576

■ 7A8281

■ 7A8E8D

# Harmonies

## Analogous

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



791B46



7A2025



6C3004

# Triad

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



7A2025



004D1A



004685

# Complementary

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



7A2025



207A75

# 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.



004D79



7A2025



00503D

# Square

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



7A2025



324800



00505F



373A7D

# Rectangle

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



7A2025



5C3A00



00505F



004983



# Sweetspot

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



7A2025



9E7B7D



74207A



4F3A3C



CFCFCF



4F4F4F



# Same Dimension

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



7A2025



9E1119



7A4720



3D3737



7D0007



FC000E



# Inverse Universe

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



7A2025



9E1119



20537A



3D3737



7D0007

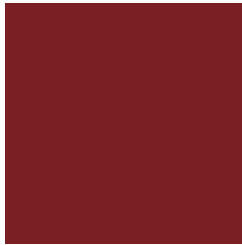


FC000E



# Previews

## White Background



This preview shows how the Hex color 7A2025 looks on a white background.

## Color Contrast Check

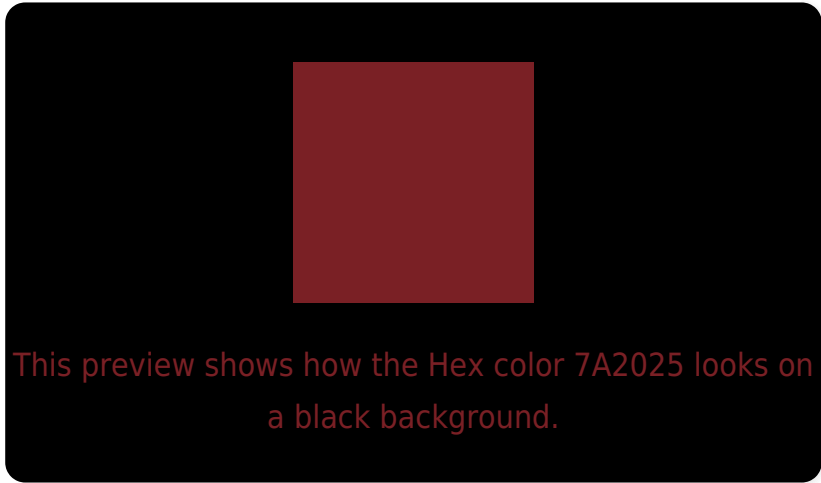
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A2025 Background



This preview shows how black text looks on a background with the Hex color 7A2025.

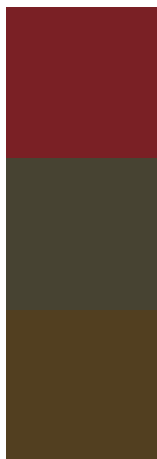


This preview shows how white text looks on a background with the Hex color 7A2025.

# 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**  
7A2025

**Protanopia**  
474332

**Deuteranopia**  
523F20



# Trichromacy



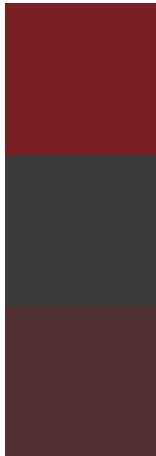
**Original Color**  
7A2025

**Protanomaly**  
5A362D

**Deuteranomaly**  
613422

**Tritanomaly**  
7A2123

# Monochromacy



**Original Color**  
7A2025

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
523133

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A2025 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 #7A2025 looks like.

```
.text, #text, p{  
  color:#7A2025  
}
```

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 #7A2025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2025
}
```

## Border

The CSS property to change the border of an element to Hex 7A2025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

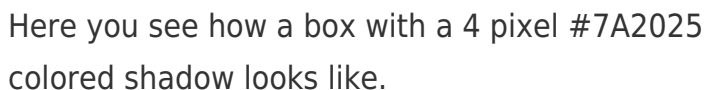
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A2025 }
```

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

```
.border{ border-color:#7A2025 }
```

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



Here you see how a box with a 4 pixel #7A2025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2025; -webkit-box-shadow:4px 4px  
4px 4px #7A2025; box-shadow:4px 4px 4px  
4px #7A2025 }
```

# Background

The CSS property to change the background color of an element to Hex 7A2025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2025 }
```

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

```
.background{ background-color:#7A2025 }
```

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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