

Converting Colors

Hex(77123F)

Have a look what the booklet for
Hex(77123F) contains.

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Color

Hex(77123F)

Conversions

Conversions Part 1

Format	Color
Hex	77123F
RGB	119, 18, 63
RGB Percent	47%, 7%, 25%
CMY	0.5333, 0.9294, 0.7529
CMYK	0.00, 0.85, 0.47, 0.53
HSL	333°, 74%, 27%
HSV	333°, 85%, 47%
XYZ	8.7213, 4.7134, 5.1527
YIQ	53.3290, 45.7510, 35.4070

Conversions

Conversions Part 2

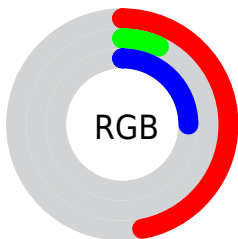
Format	Color
R_{YB}	119, 18, 63
Decimal	7803455
CIE Lab	25.90, 44.91, -0.10
CIE LCh	26, 44.906, 359.877
Yxy	4.7134, 0.4692, 0.2536
Android (android.graphics.Color)	4285993535 (0xFF77123F)
YUV	53.3290, 4.7678, 57.5935
Hunter-Lab	21.7104, 33.7116, 1.1254

Details

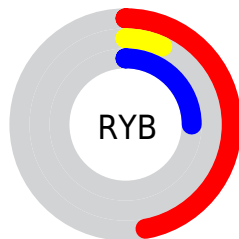
The Hex color **77123F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **12774A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **AF4A6E**, and **410015** is the 20% darker color. If you saturate the color by 10%, you get **770638**, and if you desaturate by 10%, it is **771E46**.

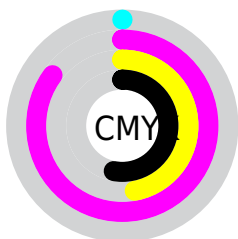
Distribution



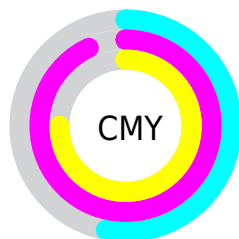
- Red (47%)
- Green (7%)
- Blue (25%)



- Red (47%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (85%)
- Yellow (47%)
- Black (53%)



- Cyan (53%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77123F 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 77123F by changing the saturation by 10% instead.

 77123F

 77123F

FFFFFF

 5C0029

 AF4A6E

 410015

 CC6488

 280001

 EA7FA2

 000000

 FF9ABD

 FFB6D9

 FFD2F5

 FFEFFF

 77123F

 77123F

■ 770638

■ 771E46

■ 770035

■ 772A4C

■ 773653

■ 774259

■ 774D60

■ 775967

■ 77656D

■ 777174

■ 777D7A

Harmonies

Analogous

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



652160



77123F



761B1E

Triad

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



77123F



2A4500



004978

Complementary

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



77123F



12774A

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.



004C5F



77123F



004A18

Square

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



77123F



4C3C00



004C3C



004282

Rectangle

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



77123F



6C2806



004C3C



004B71

Sweetspot

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



77123F



9C7586



4A1277



4F3742



CFCFCF



4F4F4F

Same Dimension

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



77123F



9C0045



771712



3B3537



7A0037



FA006F

Inverse Universe

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



77123F



9C0045



127277



3B3537



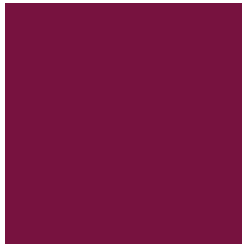
7A0037



FA006F

Previews

White Background



This preview shows how the Hex color 77123F looks on a white background.

Color Contrast Check

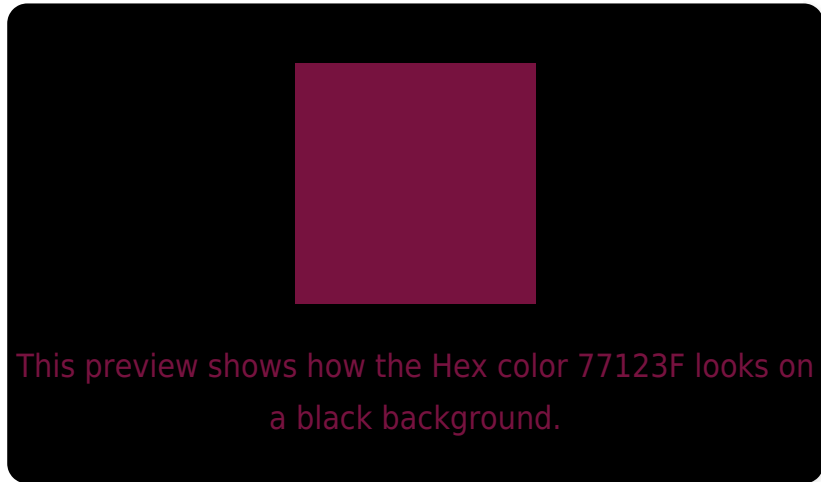
Large Text (above 18pt) WCAG AA ✓ Pass

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 77123F Background



This preview shows how black text looks on a background with the Hex color 77123F.

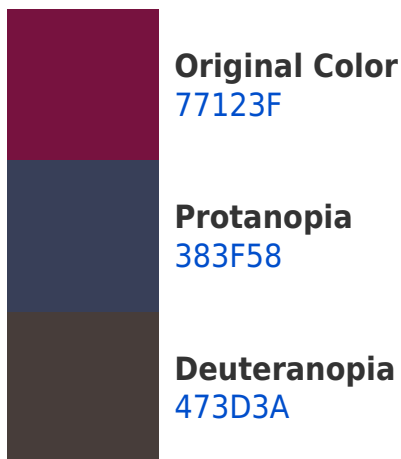


This preview shows how white text looks on a background with the Hex color 77123F.

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





Tritanopia
751D1E

Trichromacy



Original Color
77123F

Protanomaly
4F2F4F

Deuteranomaly
582D3C

Tritanomaly
76192A

Monochromacy



Original Color
77123F

Achromatopsia
353535

Achromatomaly
4D2839

CSS Examples

Text

The CSS property to change the color of the text to Hex 77123F 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 #77123F looks like.

```
.text, #text, p{  
    color:#77123F  
}
```

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 #77123F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77123F
}
```

Border

The CSS property to change the border of an element to Hex 77123F is called "border". The border property can be set on classes, ids or directly on the HTML element.

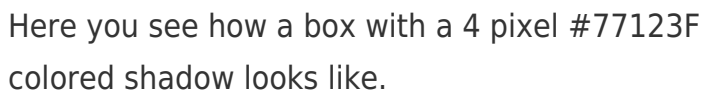
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77123F }
```

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

```
.border{ border-color:#77123F }
```

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



Here you see how a box with a 4 pixel `#77123F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77123F; -webkit-box-shadow:4px 4px  
4px 4px #77123F; box-shadow:4px 4px 4px  
4px #77123F }
```

Background

The CSS property to change the background color of an element to Hex 77123F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77123F }
```

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

```
.background{ background-color:#77123F }
```

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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