

Converting Colors

Hex(7A163C)

Have a look what the booklet for
Hex(7A163C) contains.

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Color

Hex(7A163C)

Conversions

Conversions Part 1

Format	Color
Hex	7A163C
RGB	122, 22, 60
RGB Percent	48%, 9%, 24%
CMY	0.5216, 0.9137, 0.7647
CMYK	0.00, 0.82, 0.51, 0.52
HSL	337°, 69%, 28%
HSV	337°, 82%, 48%
XYZ	9.1286, 5.0376, 4.7662
YIQ	56.2320, 47.4020, 33.0180

Conversions

Conversions Part 2

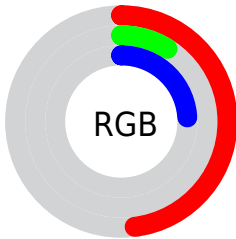
Format	Color
R_{YB}	122, 22, 60
Decimal	8001084
CIE Lab	26.84, 44.31, 3.38
CIE LCh	27, 44.443, 4.361
Yxy	5.0376, 0.4822, 0.2661
Android (android.graphics.Color)	4286191164 (0xFF7A163C)
YUV	56.2320, 1.8576, 57.6785
Hunter-Lab	22.4447, 33.3202, 3.1209

Details

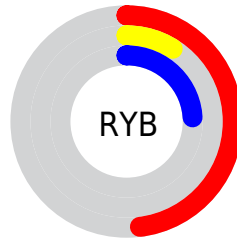
The Hex color **7A163C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **167A54**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **B34D6B**, and **440012** is the 20% darker color. If you saturate the color by 10%, you get **7A0A34**, and if you desaturate by 10%, it is **7A2244**.

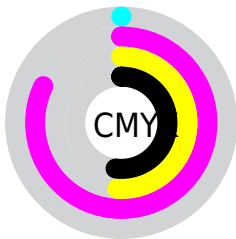
Distribution



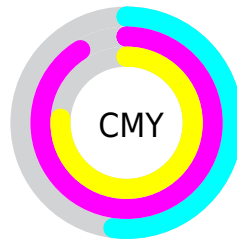
- Red (48%)
- Green (9%)
- Blue (24%)



- Red (48%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (82%)
- Yellow (51%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A163C 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 7A163C by changing the saturation by 10% instead.

 7A163C

 7A163C

FFFFFF

 5E0026

 B34D6B

 440012

 D06784

 2B0001

 ED829E

 000000

 FF9DB9

 FFB9D5

 FFD5F1

 FFF2FF

 7A163C

 7A163C

■ 7A0A34

■ 7A2244

■ 7A002E

■ 7A2E4B

■ 7A3B53

■ 7A475A

■ 7A5362

■ 7A5F69

■ 7A6B71

■ 7A7879

■ 7A8480

Harmonies

Analogous

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



6B215D



7A163C



76211B

Triad

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



7A163C



264800



004B7D

Complementary

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



7A163C



167A54

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.



004E65



7A163C



004C20

Square

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



7A163C



4A4000



004E44



004284

Rectangle

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



7A163C



6C2D04



004E44



004C76

Sweetspot

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



7A163C



9E7786



54167A



4F3740



CFCFCF



4F4F4F

Same Dimension

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



7A163C



9E033E



7A2216



3D3739



7D002F



FC0060

Inverse Universe

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



7A163C



9E033E



166E7A



3D3739



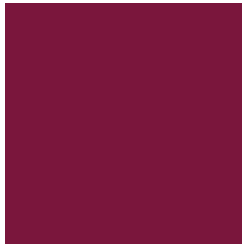
7D002F



FC0060

Previews

White Background



This preview shows how the Hex color 7A163C looks on a white background.

Color Contrast Check

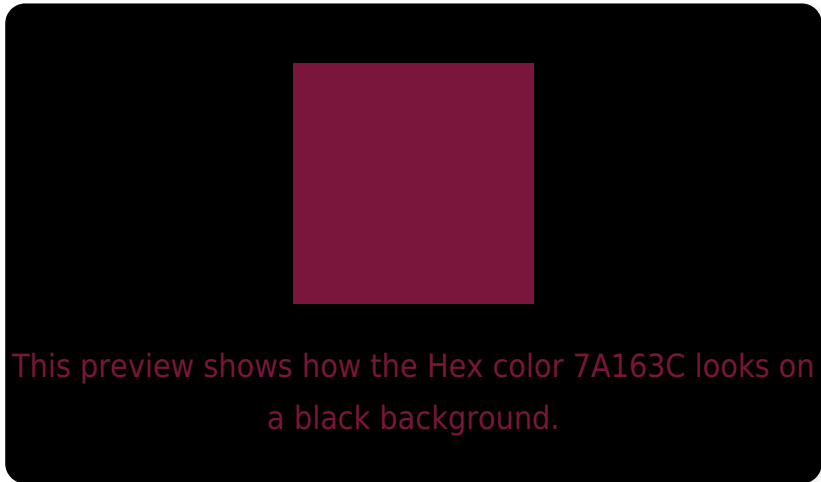
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A163C Background



This preview shows how black text looks on a background with the Hex color 7A163C.



This preview shows how white text looks on a background with the Hex color 7A163C.

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
7A163C

Protanopia
3D4153

Deuteranopia
4B3F37

Trichromacy



Original Color
7A163C

Protanomaly
53314B

Deuteranomaly
5C3039

Tritanomaly
791B2A

Monochromacy



Original Color
7A163C

Achromatopsia
383838

Achromatomaly
502C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A163C 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 #7A163C looks like.

```
.text, #text, p{  
    color:#7A163C  
}
```

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 #7A163C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A163C
}
```

Border

The CSS property to change the border of an element to Hex 7A163C 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
#7A163C }
```

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

```
.border{ border-color:#7A163C }
```

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

Here you see how a box with a 4 pixel #7A163C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A163C; -webkit-box-shadow:4px 4px  
4px 4px #7A163C; box-shadow:4px 4px 4px  
4px #7A163C }
```

Background

The CSS property to change the background color of an element to Hex 7A163C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A163C }
```

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

```
.background{ background-color:#7A163C }
```

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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