

# Converting Colors

Hex(78183D)

Have a look what the booklet for  
Hex(78183D) contains.

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# Color

**Hex(78183D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78183D
RGB	120, 24, 61
RGB Percent	47%, 9%, 24%
CMY	0.5294, 0.9059, 0.7608
CMYK	0.00, 0.80, 0.49, 0.53
HSL	337°, 67%, 28%
HSV	337°, 80%, 47%
XYZ	8.9147, 4.9833, 4.9069
YIQ	56.9220, 45.3390, 31.8590

# Conversions

## Conversions Part 2

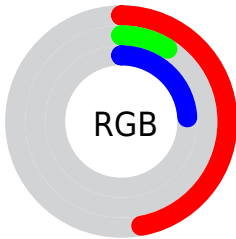
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 24, 61
Decimal	7870525
CIE <sub>Lab</sub>	26.69, 43.18, 2.43
CIE <sub>LCh</sub>	27, 43.246, 3.216
Yxy	4.9833, 0.4741, 0.2650
Android (android.graphics.Color)	4286060605 (0xFF78183D)
YUV	56.9220, 2.0105, 55.3194
Hunter-Lab	22.3232, 32.2175, 2.5937

# Details

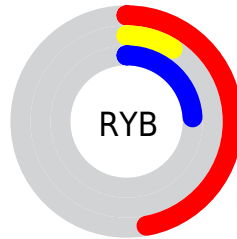
The Hex color **78183D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **187853**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **B04E6C**, and **420013** is the 20% darker color. If you saturate the color by 10%, you get **780C36**, and if you desaturate by 10%, it is **782444**.

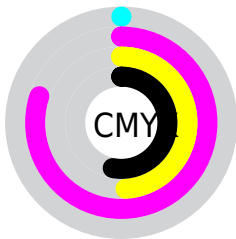
# Distribution



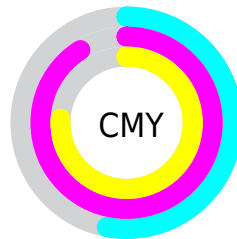
- Red (47%)
- Green (9%)
- Blue (24%)



- Red (47%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (80%)
- Yellow (49%)
- Black (53%)



- Cyan (53%)
- Magenta (91%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78183D 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 78183D by changing the saturation by 10% instead.



 78183D

 78183D

FFFFFF

 5D0027

 B04E6C

 420013

 CD6885

 2A0001

 EB829F

 000000

 FF9EBA

 FFB9D6

 FFD6F2

 FFF3FF

 78183D

 78183D

■ 780C36

■ 782444

■ 78002E

■ 78304C

■ 783C53

■ 78485B

■ 785462

■ 786069

■ 786C71

■ 787878

■ 78847F

# Harmonies

## Analogous

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



69235D



78183D



75211D

# Triad

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



78183D



284700



004A7A

# Complementary

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



78183D



187853

# 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.



004D63



78183D



004C1F

# Square

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



78183D



4B3F00



004E42



004282

# Rectangle

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



78183D



6B2C07



004E42



004C74



# Sweetspot

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



78183D



9C7685



521878



4F3841



CFCFCF



4F4F4F



# Same Dimension

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



78183D



9C0640



782218



3D3739



7D0030



FC0061



# Inverse Universe

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



78183D



9C0640



186E78



3D3739



7D0030

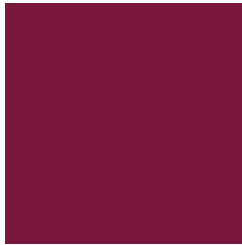


FC0061



# Previews

## White Background



This preview shows how the Hex color 78183D looks on a white background.

## Color Contrast Check

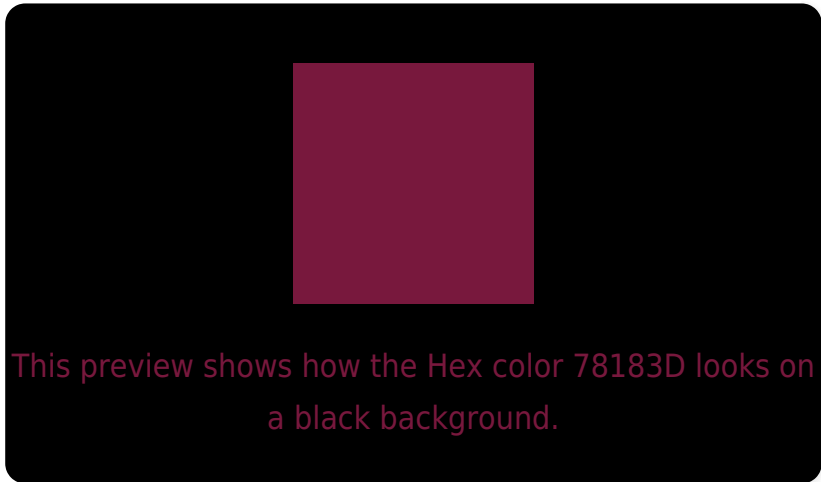
Large Text (above 18pt) WCAG AA ✓ Pass

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 78183D Background



This preview shows how black text looks on a background with the Hex color 78183D.



This preview shows how white text looks on a background with the Hex color 78183D.

# 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**  
78183D

**Protanopia**  
3C4053

**Deuteranopia**  
4A3E38



# Trichromacy



**Original Color**  
78183D

**Protanomaly**  
52314B

**Deuteranomaly**  
5B303A

**Tritanomaly**  
771D2B

# Monochromacy



**Original Color**  
78183D

**Achromatopsia**  
393939

**Achromatomaly**  
502D3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78183D 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 #78183D looks like.

```
.text, #text, p{  
    color:#78183D  
}
```

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 #78183D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78183D
}
```

## Border

The CSS property to change the border of an element to Hex 78183D 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
#78183D }
```

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

```
.border{ border-color:#78183D }
```

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

Here you see how a box with a 4 pixel #78183D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78183D; -webkit-box-shadow:4px 4px  
4px 4px #78183D; box-shadow:4px 4px 4px  
4px #78183D }
```

# Background

The CSS property to change the background color of an element to Hex 78183D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78183D }
```

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

```
.background{ background-color:#78183D }
```

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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