

Converting Colors

Hex(780117)

Have a look what the booklet for
Hex(780117) contains.

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Color

Hex(780117)

Conversions

Conversions Part 1

Format	Color
Hex	780117
RGB	120, 1, 23
RGB Percent	47%, 0%, 9%
CMY	0.5294, 0.9961, 0.9098
CMYK	0.00, 0.99, 0.81, 0.53
HSL	349°, 98%, 24%
HSV	349°, 99%, 47%
XYZ	7.9112, 4.0766, 1.1805
YIQ	39.0890, 63.8620, 32.0700

Conversions

Conversions Part 2

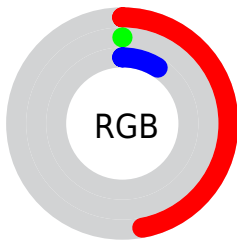
Format	Color
RYB	120, 1, 23
Decimal	7864599
CIELab	23.92, 46.23, 24.57
CIElCh	24, 52.349, 27.989
Yxy	4.0766, 0.6008, 0.3096
Android (android.graphics.Color)	4286054679 (0xFF780117)
YUV	39.0890, -7.9319, 70.9589
Hunter-Lab	20.1907, 34.6072, 10.6669

Details

The Hex color **780117** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **017862**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **B34142**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **780016**, and if you desaturate by 10%, it is **780D21**.

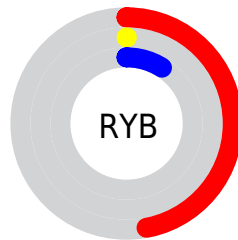
Distribution



Red (47%)

Green (0%)

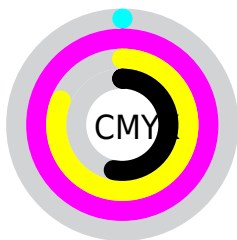
Blue (9%)



Red (47%)

Yellow (0%)

Blue (9%)

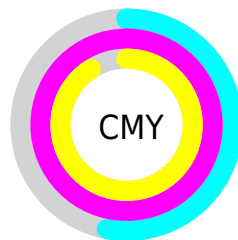


Cyan (0%)

Magenta (99%)

Yellow (81%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780117 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 780117 by changing the saturation by 10% instead.

 780117

 780117

 FFFFFFF9

 5C0000

 B34142

 3F0000

 D15C59

 220001

 F07672

 000000

 FF918B

 FFADA6

 FFC9C1

 FFE6DD

 780117

 780117

■ 780016

■ 780D21

■ 78192B

■ 782534

■ 78313E

■ 783D48

■ 784952

■ 78555B

■ 786165

■ 786D6F

Harmonies

Analogous

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



79003D



780117



662400

Triad

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



780117



004608



003F89

Complementary

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



780117



017862

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.



00477C



780117



004835

Square

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



780117



234100



00495D



28307F

Rectangle

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



780117



543200



00495D



004387

Sweetspot

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



780117



9C6D76



600178



4F3338



CFCFCF



4F4F4F

Same Dimension

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



780117



9C001D



782501



3D3738



7D0017



FC002F

Inverse Universe

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



780117



9C001D



015478



3D3738



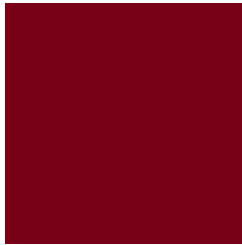
7D0017



FC002F

Previews

White Background



This preview shows how the Hex color 780117 looks on a white background.

Color Contrast Check

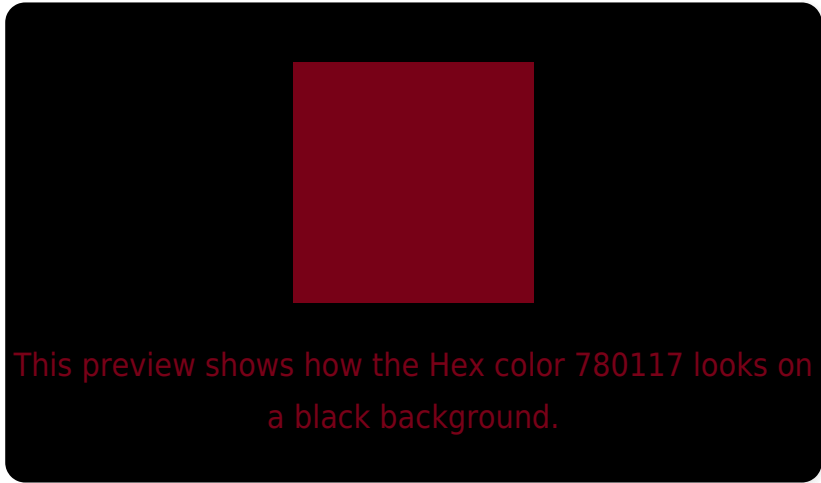
Large Text (above 18pt) WCAG AA ✓ Pass

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

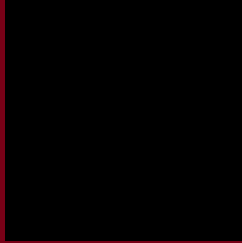
Any Text WCAG AA × Fail

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 780117 Background



This preview shows how black text looks on a background with the Hex color 780117.



This preview shows how white text looks on a background with the Hex color 780117.

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
780117

Protanopia
433D24

Deuteranopia
4D3A0D



Tritanopia
780B00

Trichromacy



Original Color
780117

Protanomaly
56271F

Deuteranomaly
5D2511

Tritanomaly
780708

Monochromacy



Original Color
780117

Achromatopsia
272727

Achromatomaly
441921

CSS Examples

Text

The CSS property to change the color of the text to Hex 780117 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 #780117 looks like.

```
.text, #text, p{  
    color:#780117  
}
```

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 #780117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780117
}
```

Border

The CSS property to change the border of an element to Hex 780117 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
#780117 }
```

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

```
.border{ border-color:#780117 }
```

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

Here you see how a box with a 4 pixel #780117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780117; -webkit-box-shadow:4px 4px  
4px 4px #780117; box-shadow:4px 4px 4px  
4px #780117 }
```

Background

The CSS property to change the background color of an element to Hex 780117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780117 }
```

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

```
.background{ background-color:#780117 }
```

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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