

Converting Colors

Hex(780149)

Have a look what the booklet for
Hex(780149) contains.

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Color

Hex(780149)

Conversions

Conversions Part 1

Format	Color
Hex	780149
RGB	120, 1, 73
RGB Percent	47%, 0%, 29%
CMY	0.5294, 0.9961, 0.7137
CMYK	0.00, 0.99, 0.39, 0.53
HSL	324°, 98%, 24%
HSV	324°, 99%, 47%
XYZ	8.9592, 4.4958, 6.6989
YIQ	44.7890, 47.8120, 47.6200

Conversions

Conversions Part 2

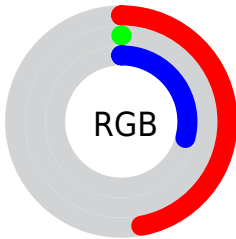
Format	Color
RYB	120, 1, 73
Decimal	7864649
CIELab	25.25, 49.76, -7.84
CIElCh	25, 50.376, 351.048
Yxy	4.4958, 0.4445, 0.2231
Android (android.graphics.Color)	4286054729 (0xFF780149)
YUV	44.7890, 13.9080, 65.9600
Hunter-Lab	21.2033, 38.3169, -3.8895

Details

The Hex color **780149** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **017830**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **B0437A**, and **42001E** is the 20% darker color. If you saturate the color by 10%, you get **780049**, and if you desaturate by 10%, it is **780D4E**.

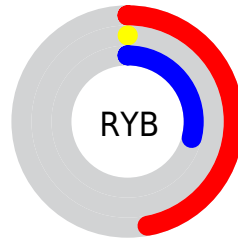
Distribution



Red (47%)

Green (0%)

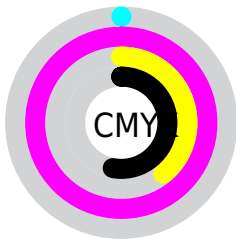
Blue (29%)



Red (47%)

Yellow (0%)

Blue (29%)

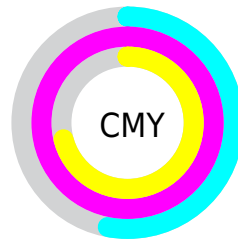


Cyan (0%)

Magenta (99%)

Yellow (39%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780149 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 780149 by changing the saturation by 10% instead.

 780149

 780149

FFFFFF

 5D0032

 B0437A

 42001E

 CD5E93

 2A0001

 EB79AE

 000000

 FF94C9

 FFB0E5

 FFCDFD

 FFE9FF

 780149

 780149

■ 780049

■ 780D4E

■ 781952

■ 782557

■ 78315C

■ 783D61

■ 784965

■ 78556A

■ 78616F

■ 786D74

Harmonies

Analogous

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



5D216C



780149



7C0523

Triad

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



780149



314200



004A77

Complementary

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



780149



017830

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.



004C56



780149



004802

Square

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



780149



543600



004B2F



004488

Rectangle

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



780149



741A09



004B2F



004B6E

Sweetspot

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



780149



9C6D89



2F0178



4F3344



CFCFCF



4F4F4F

Same Dimension

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



780149



9C005E



78010F



3D373B



7D004C



FC0099

Inverse Universe

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



780149



9C005E



01786A



3D373B



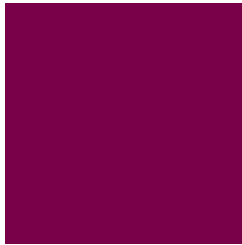
7D004C



FC0099

Previews

White Background



This preview shows how the Hex color 780149 looks on a white background.

Color Contrast Check

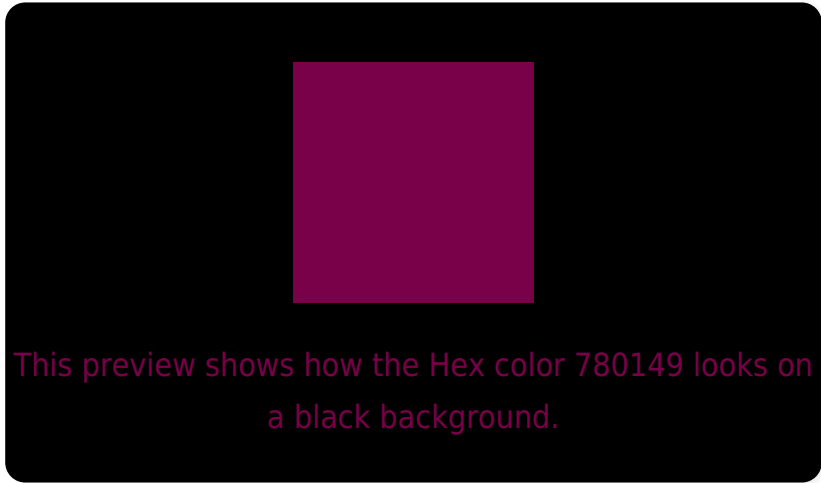
Large Text (above 18pt) WCAG AA ✓ Pass

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

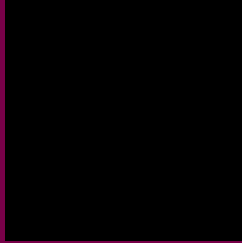
Any Text WCAG AA × Fail

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 780149 Background



This preview shows how black text looks on a background with the Hex color 780149.



This preview shows how white text looks on a background with the Hex color 780149.

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
780149

Protanopia
2E3E69

Deuteranopia
443E44



Tritanopia
751D1E

Trichromacy



Original Color
780149

Protanomaly
49285D

Deuteranomaly
572846

Tritanomaly
76132E

Monochromacy



Original Color
780149

Achromatopsia
2D2D2D

Achromatomaly
481D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 780149 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 #780149 looks like.

```
.text, #text, p{  
    color:#780149  
}
```

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 #780149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780149
}
```

Border

The CSS property to change the border of an element to Hex 780149 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
#780149 }
```

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

```
.border{ border-color:#780149 }
```

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

Here you see how a box with a 4 pixel #780149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780149; -webkit-box-shadow:4px 4px  
4px 4px #780149; box-shadow:4px 4px 4px  
4px #780149 }
```

Background

The CSS property to change the background color of an element to Hex 780149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780149 }
```

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

```
.background{ background-color:#780149 }
```

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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