

Converting Colors

Hex(780401)

Have a look what the booklet for
Hex(780401) contains.

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Color

Hex(780401)

Conversions

Conversions Part 1

Format	Color
Hex	780401
RGB	120, 4, 1
RGB Percent	47%, 2%, 0%
CMY	0.5294, 0.9843, 0.9961
CMYK	0.00, 0.97, 0.99, 0.53
HSL	2°, 98%, 24%
HSV	2°, 99%, 47%
XYZ	7.7946, 4.0821, 0.4058
YIQ	38.3420, 70.0990, 23.6590

Conversions

Conversions Part 2

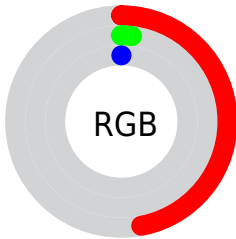
Format	Color
RYB	120, 4, 1
Decimal	7865345
CIELab	23.94, 45.07, 35.47
CIELCh	24, 57.357, 38.204
Yxy	4.0821, 0.6346, 0.3323
Android (android.graphics.Color)	4286055425 (0xFF780401)
YUV	38.3420, -18.4096, 71.6141
Hunter-Lab	20.2042, 33.5066, 12.9521

Details

The Hex color **780401** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **017578**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **B4422F**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **780300**, and if you desaturate by 10%, it is **78100D**.

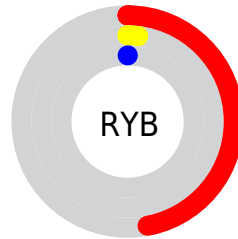
Distribution



Red (47%)

Green (2%)

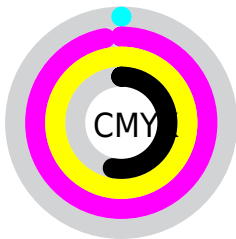
Blue (0%)



Red (47%)

Yellow (2%)

Blue (0%)

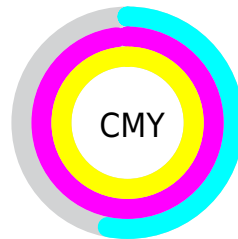


Cyan (0%)

Magenta (97%)

Yellow (99%)

Black (53%)



Cyan (53%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780401 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 780401 by changing the saturation by 10% instead.

 780401

 780401

 FFFFE3

 5B0000

 B4422F

 3E0000

 D25C46

 210001

 F1775E

 000000

 FF9277

 FFAD91

 FFCAAC

 FFE6C7

 780401

 780401

■ 780300

■ 78100D

■ 781B19

■ 782725

■ 783331

■ 783E3D

■ 784A49

■ 785655

■ 786261

■ 786D6D

Harmonies

Analogous

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



81002F



780401



5F2A00

Triad

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



780401



004816



003C90

Complementary

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



780401



017578

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.



00468A



780401



004A44

Square

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



780401



014400



004A6E



44267E

Rectangle

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



780401



493700



004A6E



004091

Sweetspot

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



780401



9C6E6D



780176



4F3333



CFCFCF



4F4F4F

Same Dimension

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



780401



9C0400



783E01



3D3737



7D0300



FC0600

Inverse Universe

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



017578



00989C



013B78



373D3D



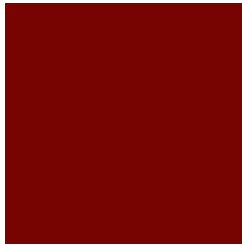
007A7D



00F6FC

Previews

White Background



This preview shows how the Hex color 780401 looks on a white background.

Color Contrast Check

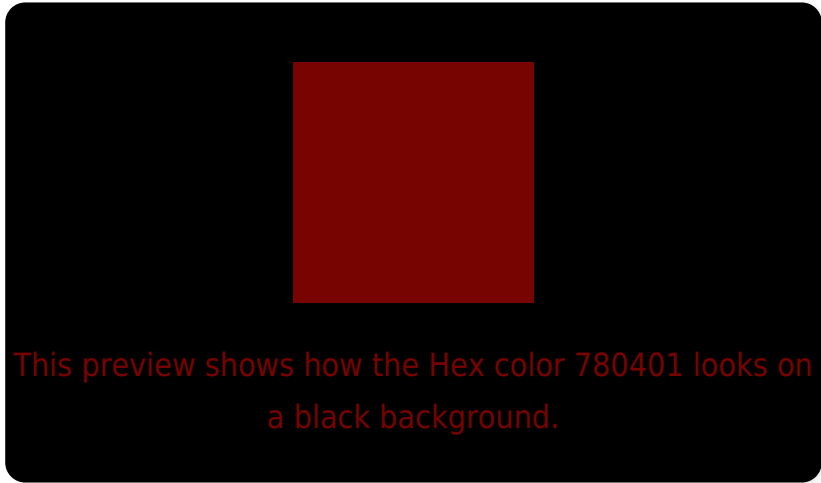
Large Text (above 18pt) WCAG AA ✓ Pass

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 780401 Background



This preview shows how black text looks on a background with the Hex color 780401.



This preview shows how white text looks on a background with the Hex color 780401.

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
780401

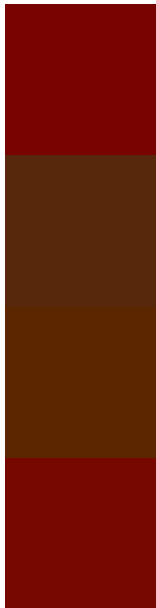
Protanopia
443D10

Deuteranopia
4C3A00



Tritanopia
770B00

Trichromacy



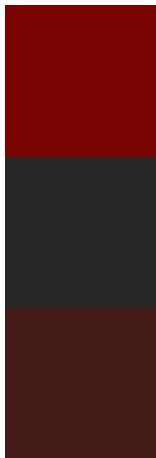
Original Color
780401

Protanomaly
57280B

Deuteranomaly
5C2600

Tritanomaly
770800

Monochromacy



Original Color
780401

Achromatopsia
262626

Achromatomaly
441A19

CSS Examples

Text

The CSS property to change the color of the text to Hex 780401 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 #780401 looks like.

```
.text, #text, p{  
    color:#780401  
}
```

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 #780401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780401
}
```

Border

The CSS property to change the border of an element to Hex 780401 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
#780401 }
```

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

```
.border{ border-color:#780401 }
```

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

Here you see how a box with a 4 pixel #780401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780401; -webkit-box-shadow:4px 4px  
4px 4px #780401; box-shadow:4px 4px 4px  
4px #780401 }
```

Background

The CSS property to change the background color of an element to Hex 780401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780401 }
```

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

```
.background{ background-color:#780401 }
```

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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