

Converting Colors

Hex(780646)

Have a look what the booklet for
Hex(780646) contains.

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Color

Hex(780646)

Conversions

Conversions Part 1

Format	Color
Hex	780646
RGB	120, 6, 70
RGB Percent	47%, 2%, 27%
CMY	0.5294, 0.9765, 0.7255
CMYK	0.00, 0.95, 0.42, 0.53
HSL	326°, 90%, 25%
HSV	326°, 95%, 47%
XYZ	8.9163, 4.5655, 6.2056
YIQ	47.3820, 47.4000, 44.0720

Conversions

Conversions Part 2

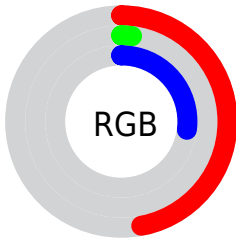
Format	Color
R_{YB}	120, 6, 70
Decimal	7865926
CIE _{Lab}	25.46, 48.48, -5.49
CIE _{LCh}	25, 48.794, 353.545
Yxy	4.5655, 0.4529, 0.2319
Android (android.graphics.Color)	4286056006 (0xFF780646)
YUV	47.3820, 11.1507, 63.6860
Hunter-Lab	21.3671, 37.0946, -2.2627

Details

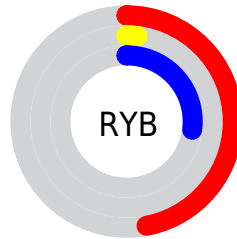
The Hex color **780646** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **067838**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **B04576**, and **42001B** is the 20% darker color. If you saturate the color by 10%, you get **780043**, and if you desaturate by 10%, it is **78124B**.

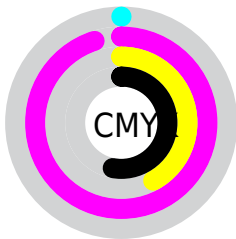
Distribution



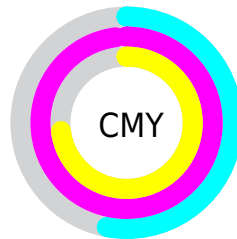
- Red (47%)
- Green (2%)
- Blue (27%)



- Red (47%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (95%)
- Yellow (42%)
- Black (53%)



- Cyan (53%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780646 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 780646 by changing the saturation by 10% instead.

 780646

 780646

FFFFFF

 5D0030

 B04576

 42001B

 CD6090

 2A0001

 EB7BAA

 000000

 FF96C6

 FFB2E2

 FFCEFE

 FFE8FF

 780646

 780646

■ 780043

■ 78124B

■ 781E51

■ 782A56

■ 78365B

■ 784260

■ 784E66

■ 785A6B

■ 786670

■ 787275

Harmonies

Analogous

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



602169



780646



7A0E22

Triad

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



780646



304300



004A78

Complementary

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



780646



067838

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.



004C59



780646



004909

Square

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



780646



523800



004B33



004487

Rectangle

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



780646



721F08



004B33



004B6F

Sweetspot

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



780646



9C6E88



370678



4F3343



CFCFCF



4F4F4F

Same Dimension

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



780646



9C0057



78060E



3D373B



7D0046



FC008E

Inverse Universe

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



780646



9C0057



067870



3D373B



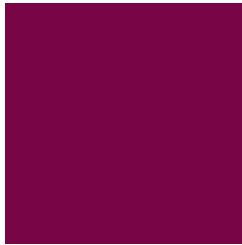
7D0046



FC008E

Previews

White Background



This preview shows how the Hex color 780646 looks on a white background.

Color Contrast Check

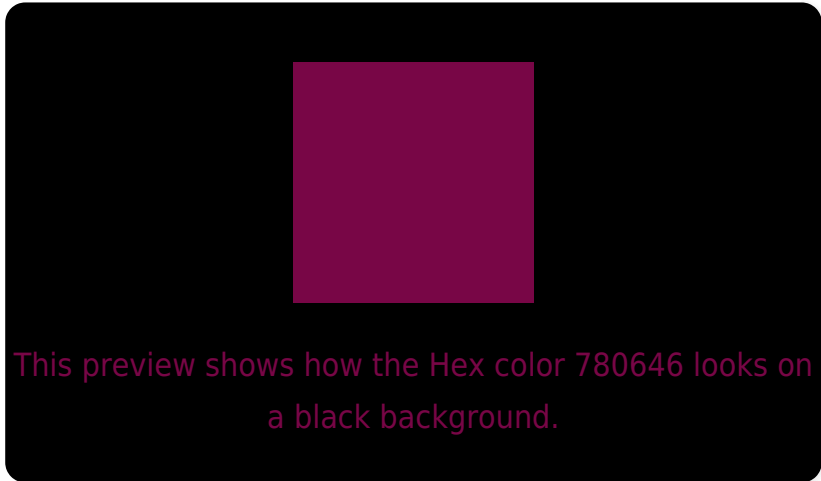
Large Text (above 18pt) WCAG AA ✓ Pass

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

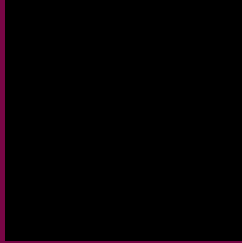
Any Text WCAG AA × Fail

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 780646 Background



This preview shows how black text looks on a background with the Hex color 780646.



This preview shows how white text looks on a background with the Hex color 780646.

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
780646

Protanopia
313E64

Deuteranopia
453D41

Trichromacy



Original Color
780646

Protanomaly
4B2A59

Deuteranomaly
582943

Tritanomaly
77142C

Monochromacy



Original Color
780646

Achromatopsia
2F2F2F

Achromatomaly
4A2037

CSS Examples

Text

The CSS property to change the color of the text to Hex 780646 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 #780646 looks like.

```
.text, #text, p{  
    color:#780646  
}
```

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 #780646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780646
}
```

Border

The CSS property to change the border of an element to Hex 780646 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
#780646 }
```

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

```
.border{ border-color:#780646 }
```

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

Here you see how a box with a 4 pixel #780646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780646; -webkit-box-shadow:4px 4px  
4px 4px #780646; box-shadow:4px 4px 4px  
4px #780646 }
```

Background

The CSS property to change the background color of an element to Hex 780646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780646 }
```

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

```
.background{ background-color:#780646 }
```

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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