

Converting Colors

Hex(780600)

Have a look what the booklet for
Hex(780600) contains.

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Color

Hex(780600)

Conversions

Conversions Part 1

Format	Color
Hex	780600
RGB	120, 6, 0
RGB Percent	47%, 2%, 0%
CMY	0.5294, 0.9765, 1.0000
CMYK	0.00, 0.95, 1.00, 0.53
HSL	3°, 100%, 24%
HSV	3°, 100%, 47%
XYZ	7.8109, 4.1233, 0.3842
YIQ	39.4020, 69.8700, 22.3020

Conversions

Conversions Part 2

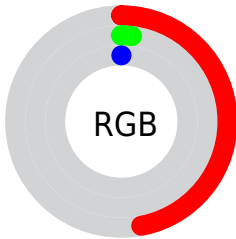
Format	Color
RYB	120, 6, 0
Decimal	7865856
CIELab	24.08, 44.64, 36.01
CIELCh	24, 57.359, 38.892
Yxy	4.1233, 0.6341, 0.3347
Android (android.graphics.Color)	4286055936 (0xFF780600)
YUV	39.4020, -19.4252, 70.6844
Hunter-Lab	20.3060, 33.1261, 13.0924

Details

The Hex color **780600** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007278**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **B4432F**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **780600**, and if you desaturate by 10%, it is **78110C**.

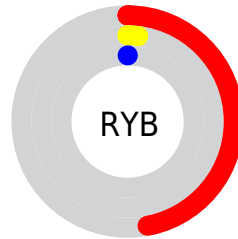
Distribution



Red (47%)

Green (2%)

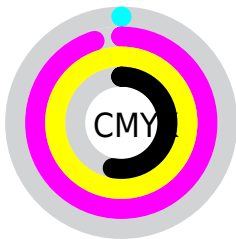
Blue (0%)



Red (47%)

Yellow (2%)

Blue (0%)

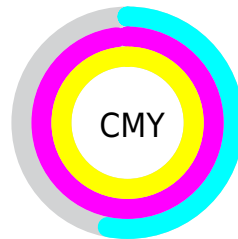


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 780600 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 780600 by changing the saturation by 10% instead.

 780600

 780600

 FFFFE3

 5B0000

 B4432F

 3E0000

 D25D46

 210001

 F1785E

 000000

 FF9377

 FFAE90

 FFCAAB

 FFE7C7

 780600

 78110C

 781D18

 782824

 783430

 783F3C

 784A48

 785654

 786160

 786D6C

Harmonies

Analogous

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



81002F



780600



5F2B00

Triad

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



780600



004817



003B90

Complementary

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



780600



007278

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.



00468B



780600



004A46

Square

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



780600



004400



004A6F



46257E

Rectangle

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



780600



493700



004A6F



004091

Sweetspot

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



780600



9C6F6D



780072



4F3433



CFCFCF



4F4F4F

Same Dimension

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



780600



9C0800



784200



3D3737



7D0600



FC0D00

Inverse Universe

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



007278



00949C



003678



373D3D



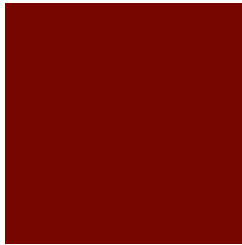
00777D



00F0FC

Previews

White Background



This preview shows how the Hex color 780600 looks on a white background.

Color Contrast Check

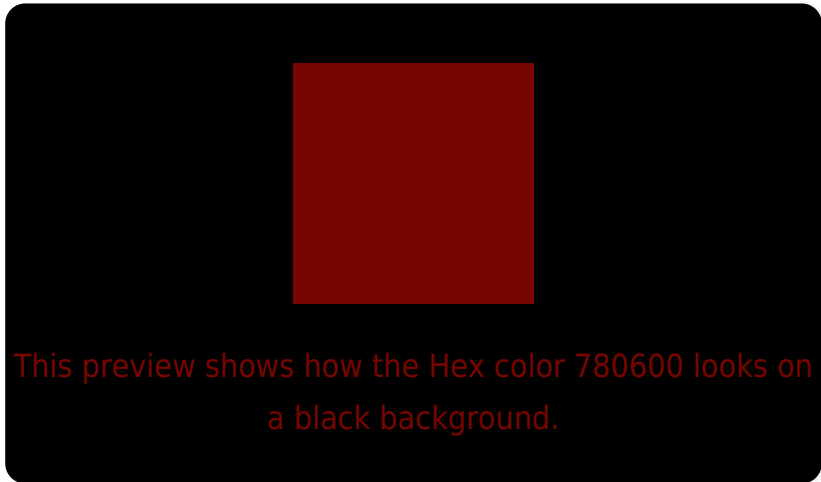
Large Text (above 18pt) WCAG AA ✓ Pass

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

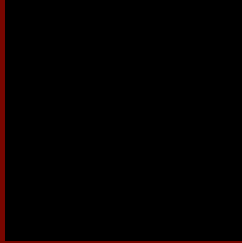
Any Text WCAG AA × Fail

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 780600 Background



This preview shows how black text looks on a background with the Hex color 780600.



This preview shows how white text looks on a background with the Hex color 780600.

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
780600

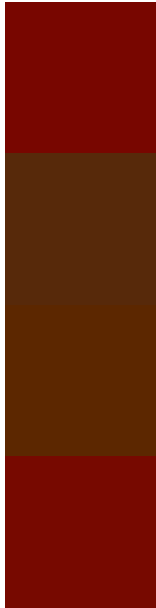
Protanopia
443D0F

Deuteranopia
4C3A00



Tritanopia
770B00

Trichromacy



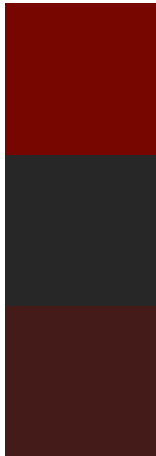
Original Color
780600

Protanomaly
57290A

Deuteranomaly
5C2700

Tritanomaly
770900

Monochromacy



Original Color
780600

Achromatopsia
272727

Achromatomaly
441B19

CSS Examples

Text

The CSS property to change the color of the text to Hex 780600 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 #780600 looks like.

```
.text, #text, p{  
    color:#780600  
}
```

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 #780600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #780600
}
```

Border

The CSS property to change the border of an element to Hex 780600 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
#780600 }
```

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

```
.border{ border-color:#780600 }
```

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

Here you see how a box with a 4 pixel #780600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #780600; -webkit-box-shadow:4px 4px  
4px 4px #780600; box-shadow:4px 4px 4px  
4px #780600 }
```

Background

The CSS property to change the background color of an element to Hex 780600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#780600 }
```

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

```
.background{ background-color:#780600 }
```

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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