

Converting Colors

Hex(76033E)

Have a look what the booklet for
Hex(76033E) contains.

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Color

Hex(76033E)

Conversions

Conversions Part 1

Format	Color
Hex	76033E
RGB	118, 3, 62
RGB Percent	46%, 1%, 24%
CMY	0.5373, 0.9882, 0.7569
CMYK	0.00, 0.97, 0.47, 0.54
HSL	329°, 95%, 24%
HSV	329°, 97%, 46%
XYZ	8.3733, 4.2645, 4.9392
YIQ	44.1110, 49.6010, 42.7290

Conversions

Conversions Part 2

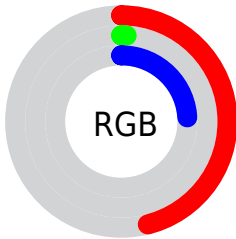
Format	Color
RYB	118, 3, 62
Decimal	7734078
CIELab	24.53, 47.79, -1.45
CIELCh	25, 47.815, 358.257
Yxy	4.2645, 0.4764, 0.2426
Android (android.graphics.Color)	4285924158 (0xFF76033E)
YUV	44.1110, 8.8193, 64.8007
Hunter-Lab	20.6506, 36.2385, 0.2744

Details

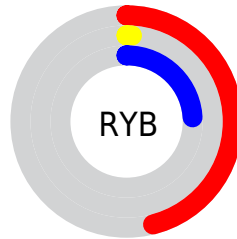
The Hex color **76033E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **03763B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **AF436D**, and **400014** is the 20% darker color. If you saturate the color by 10%, you get **76003D**, and if you desaturate by 10%, it is **760F44**.

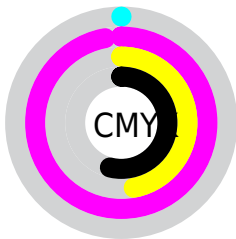
Distribution



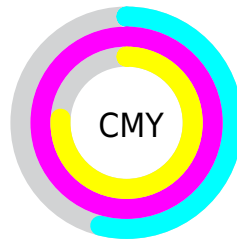
- Red (46%)
- Green (1%)
- Blue (24%)



- Red (46%)
- Yellow (1%)
- Blue (24%)



- Cyan (0%)
- Magenta (97%)
- Yellow (47%)
- Black (54%)



- Cyan (54%)
- Magenta (99%)
- Yellow (76%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76033E 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 76033E by changing the saturation by 10% instead.

 76033E

 76033E

FFFFFF

 5B0028

 AF436D

 400014

 CC5E87

 260001

 E978A1

 000000

 FF94BC

 FFAFD7

 FFCCF4

 FFE8FF

 76033E

 76033E

76003D

760F44

761B49

76264F

763255

763E5B

764A60

765666

76616C

766D72

Harmonies

Analogous

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



621B61



76033E



75111B

Triad

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



76033E



284200



004778

Complementary

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



76033E



03763B

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.



00495C



76033E



004710

Square

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



76033E



4A3800



004937



004083

Rectangle

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



76033E



6C2100



004937



004870

Sweetspot

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



76033E



996D83



3B0376



4D323F



CCCCCC



4D4D4D

Same Dimension

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



76033E



99004E



760305



3B3538



7A003F



FA0080

Inverse Universe

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



76033E



99004E



037674



3B3538



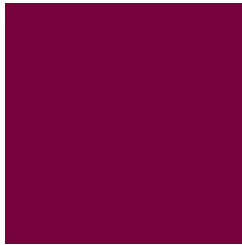
7A003F



FA0080

Previews

White Background



This preview shows how the Hex color 76033E looks on a white background.

Color Contrast Check

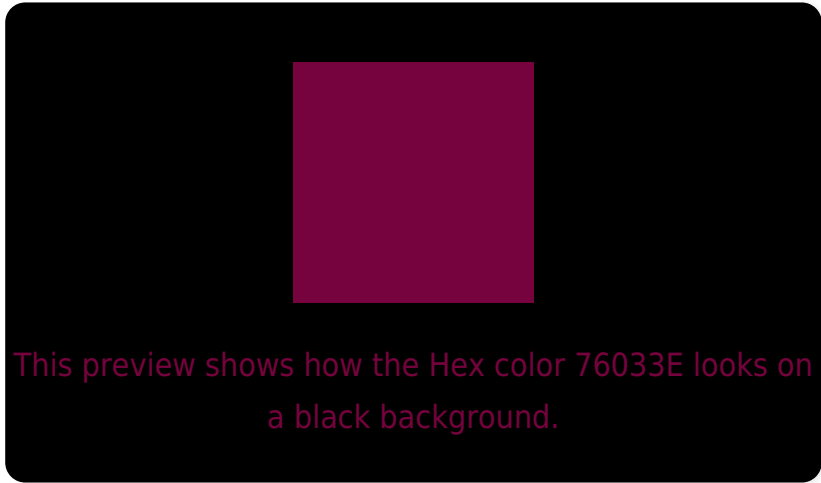
Large Text (above 18pt) WCAG AA ✓ Pass

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

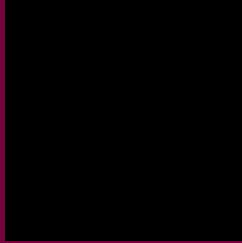
Any Text WCAG AA × Fail

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 76033E Background



This preview shows how black text looks on a background with the Hex color 76033E.

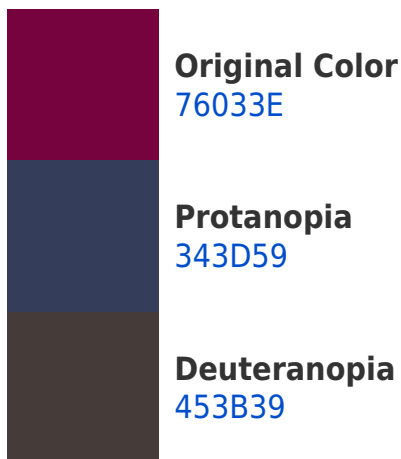


This preview shows how white text looks on a background with the Hex color 76033E.

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





Tritanopia
741919

Trichromacy



Original Color
76033E

Protanomaly
4C284F

Deuteranomaly
57273B

Tritanomaly
751126

Monochromacy



Original Color
76033E

Achromatopsia
2C2C2C

Achromatomaly
471D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 76033E 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 #76033E looks like.

```
.text, #text, p{  
    color:#76033E  
}
```

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 #76033E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76033E
}
```

Border

The CSS property to change the border of an element to Hex 76033E is called "border". The border property can be set on classes, ids or directly on the HTML element.

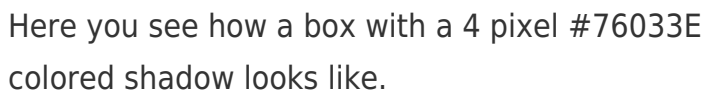
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76033E }
```

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

```
.border{ border-color:#76033E }
```

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



Here you see how a box with a 4 pixel #76033E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76033E; -webkit-box-shadow:4px 4px  
4px 4px #76033E; box-shadow:4px 4px 4px  
4px #76033E }
```

Background

The CSS property to change the background color of an element to Hex 76033E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76033E }
```

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

```
.background{ background-color:#76033E }
```

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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