

Converting Colors

Hex(76366A)

Have a look what the booklet for
Hex(76366A) contains.

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Color

Hex(76366A)

Conversions

Conversions Part 1

Format	Color
Hex	76366A
RGB	118, 54, 106
RGB Percent	46%, 21%, 42%
CMY	0.5373, 0.7882, 0.5843
CMYK	0.00, 0.54, 0.10, 0.54
HSL	311°, 37%, 34%
HSV	311°, 54%, 46%
XYZ	11.3919, 7.5305, 14.4888
YIQ	79.0640, 21.4520, 29.7400

Conversions

Conversions Part 2

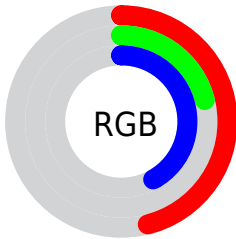
Format	Color
R_{YB}	118, 54, 106
Decimal	7747178
CIE _{Lab}	32.99, 35.38, -17.65
CIE _{LCh}	33, 39.537, 333.487
Yxy	7.5305, 0.3410, 0.2254
Android (android.graphics.Color)	4285937258 (0xFF76366A)
YUV	79.0640, 13.2794, 34.1469
Hunter-Lab	27.4417, 26.0777, -12.0949

Details

The Hex color **76366A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **367642**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AC689D**, and **43023B** is the 20% darker color. If you saturate the color by 10%, you get **762A68**, and if you desaturate by 10%, it is **76426C**.

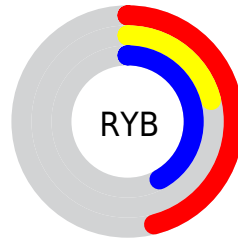
Distribution



Red (46%)

Green (21%)

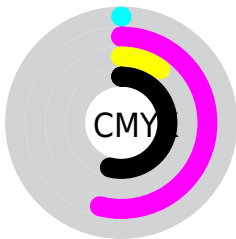
Blue (42%)



Red (46%)

Yellow (21%)

Blue (42%)

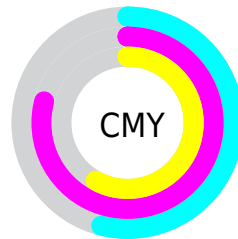


Cyan (0%)

Magenta (54%)

Yellow (10%)

Black (54%)



Cyan (54%)

Magenta (79%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76366A 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 76366A by changing the saturation by 10% instead.

 76366A

 76366A

FFFFFF

 5C1E52

 AC689D

 43023B

 C882B8

 2D0025

 E49CD4


 07000D

 FFB8F1

 000000

 FFD4FF

 FFF0FF

 76366A

 76366A

 762A68

 76426C

761E66

764E6E

761363

765971

760761

766573

760060

767175

767D77

768979

76947C

76A07E

Harmonies

Analogous

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



534482



76366A



852F4B

Triad

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



76366A



5A4D05



005C6F

Complementary

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



76366A



367642

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.



005C50



76366A



3A5614

Square

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



76366A



734213



005A30



005885

Rectangle

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



76366A



853237



005A30



005C66

Sweetspot

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



76366A



998194



423676



4D3E4A



CCCCCC



4D4D4D

Same Dimension

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



76366A



993686



76364A



3B353A



7A0063



FA00CB

Inverse Universe

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



76366A



993686



367662



3B353A



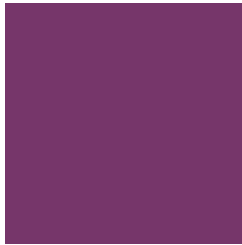
7A0063



FA00CB

Previews

White Background



This preview shows how the Hex color 76366A looks on a white background.

Color Contrast Check

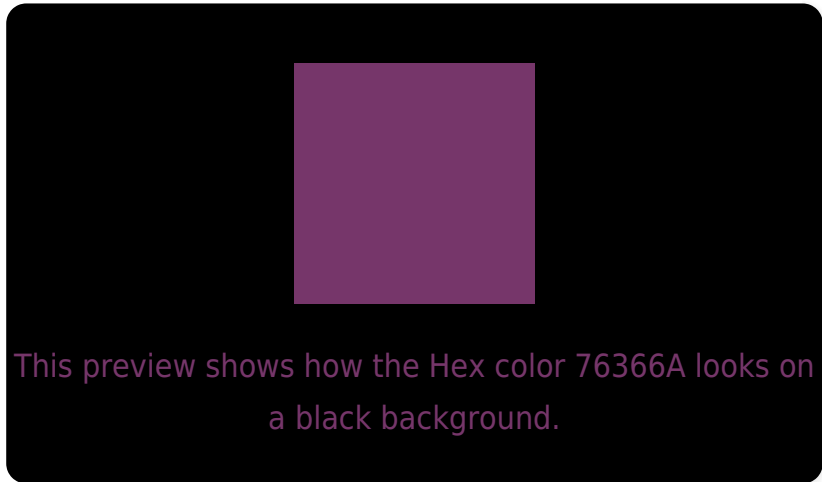
Large Text (above 18pt) WCAG AA ✓ Pass

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

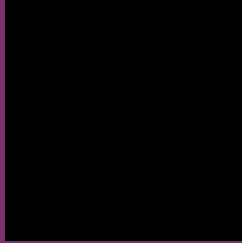
Any Text WCAG AA × Fail

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 76366A Background



This preview shows how black text looks on a background with the Hex color 76366A.



This preview shows how white text looks on a background with the Hex color 76366A.

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
723F44

Trichromacy



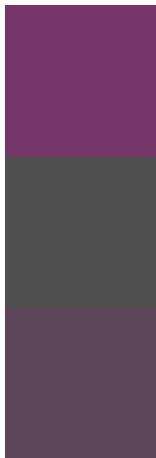
Original Color
76366A

Protanomaly
514575

Deuteranomaly
594567

Tritanomaly
733C52

Monochromacy



Original Color
76366A

Achromatopsia
4F4F4F

Achromatomaly
5D4659

CSS Examples

Text

The CSS property to change the color of the text to Hex 76366A 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 #76366A looks like.

```
.text, #text, p{  
    color:#76366A  
}
```

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 #76366A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76366A
}
```

Border

The CSS property to change the border of an element to Hex 76366A is called "border". The border property can be set on classes, ids or directly on the HTML element.

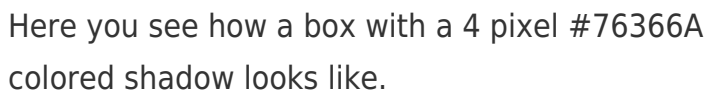
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76366A }
```

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

```
.border{ border-color:#76366A }
```

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



Here you see how a box with a 4 pixel #76366A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76366A; -webkit-box-shadow:4px 4px  
4px 4px #76366A; box-shadow:4px 4px 4px  
4px #76366A }
```

Background

The CSS property to change the background color of an element to Hex 76366A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76366A }
```

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

```
.background{ background-color:#76366A }
```

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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