

Converting Colors

Hex(76368B)

Have a look what the booklet for
Hex(76368B) contains.

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Color

Hex(76368B)

Conversions

Conversions Part 1

Format	Color
Hex	76368B
RGB	118, 54, 139
RGB Percent	46%, 21%, 55%
CMY	0.5373, 0.7882, 0.4549
CMYK	0.15, 0.61, 0.00, 0.45
HSL	285°, 44%, 38%
HSV	285°, 61%, 55%
XYZ	13.4506, 8.3540, 25.3296
YIQ	82.8260, 10.8590, 40.0030

Conversions

Conversions Part 2

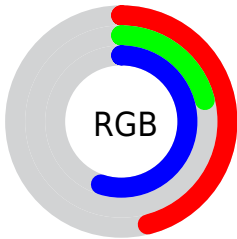
Format	Color
R_{YB}	118, 54, 139
Decimal	7747211
CIE _{Lab}	34.71, 41.98, -35.57
CIE _{LCh}	35, 55.028, 319.724
Yxy	8.3540, 0.2854, 0.1772
Android (android.graphics.Color)	4285937291 (0xFF76368B)
YUV	82.8260, 27.6938, 30.8476
Hunter-Lab	28.9032, 32.4872, -31.7272

Details

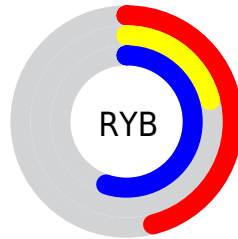
The Hex color **76368B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4B8B36**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **AC68C1**, and **420058** is the 20% darker color. If you saturate the color by 10%, you get **73288B**, and if you desaturate by 10%, it is **79448B**.

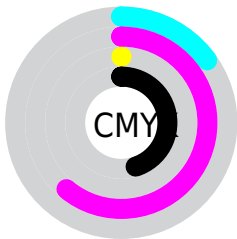
Distribution



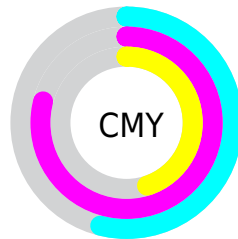
- Red (46%)
- Green (21%)
- Blue (55%)



- Red (46%)
- Yellow (21%)
- Blue (55%)



- Cyan (15%)
- Magenta (61%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (79%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76368B 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 76368B by changing the saturation by 10% instead.

 76368B

 76368B

FFFFFF

 5C1D71

 AC68C1

 420058

 C883DD

 2A0040

 E59DFA

 0E002A

 FFB9FF

 000114

 FFD5FF

 000000

 FFF2FF

 76368B

 76368B

 73288B

 79448B

6F1A8B

7D528B

6C0C8B

80608B

69008B

846E8B

877B8B

8B898B

8E978B

91A58B

95B38B

Harmonies

Analogous

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



234DA5



76368B



971D63

Triad

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



76368B



704A00



00656E

Complementary

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



76368B



4B8B36

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.



006441



76368B



495800

Square

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



76368B



8E360B



006010



006394

Rectangle

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



76368B



9D1945



006010



00655F

Sweetspot

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



76368B



AD94B5



364B8B



57485C



DBDBDB



5C5C5C

Same Dimension

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



76368B



9431B5



8B3676



433E45



640085



040005

Inverse Universe

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



8B364B



B53152



368B4B



453E40



850021



050001

Previews

White Background



This preview shows how the Hex color 76368B looks on a white background.

Color Contrast Check

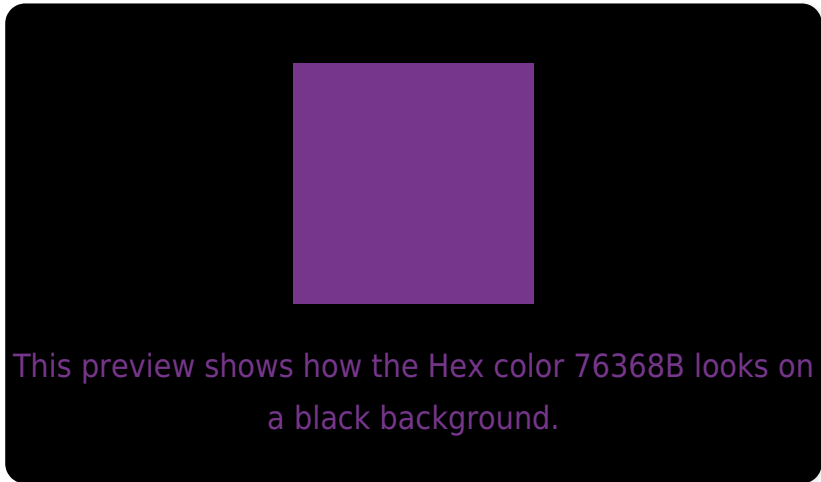
Large Text (above 18pt) WCAG AA ✓ Pass

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

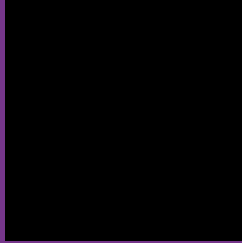
Any Text WCAG AA × Fail

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 76368B Background



This preview shows how black text looks on a background with the Hex color 76368B.

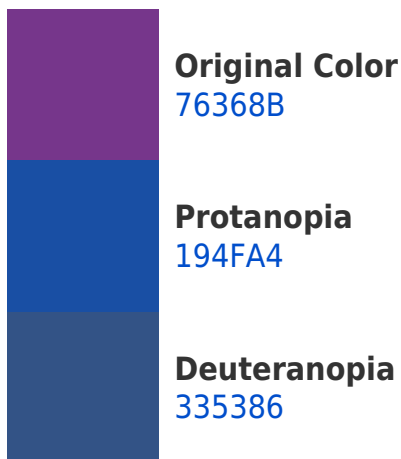



This preview shows how white text looks on a background with the Hex color 76368B.

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
6D484D

Trichromacy



Original Color
76368B

Protanomaly
3B469B

Deuteranomaly
4B4888

Tritanomaly
704164

Monochromacy



Original Color
76368B

Achromatopsia
535353

Achromatomaly
604867

CSS Examples

Text

The CSS property to change the color of the text to Hex 76368B 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 #76368B looks like.

```
.text, #text, p{  
    color:#76368B  
}
```

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 #76368B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76368B
}
```

Border

The CSS property to change the border of an element to Hex 76368B 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
#76368B }
```

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

```
.border{ border-color:#76368B }
```

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

Here you see how a box with a 4 pixel #76368B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76368B; -webkit-box-shadow:4px 4px  
4px 4px #76368B; box-shadow:4px 4px 4px  
4px #76368B }
```

Background

The CSS property to change the background color of an element to Hex 76368B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76368B }
```

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

```
.background{ background-color:#76368B }
```

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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