

Converting Colors

Hex(75236A)

Have a look what the booklet for
Hex(75236A) contains.

Hex(75236A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75236A)

Conversions

Conversions Part 1

Format	Color
Hex	75236A
RGB	117, 35, 106
RGB Percent	46%, 14%, 42%
CMY	0.5412, 0.8627, 0.5843
CMYK	0.00, 0.70, 0.09, 0.54
HSL	308°, 54%, 30%
HSV	308°, 70%, 46%
XYZ	10.5387, 6.0246, 14.2431
YIQ	67.6120, 26.0810, 39.4650

Conversions

Conversions Part 2

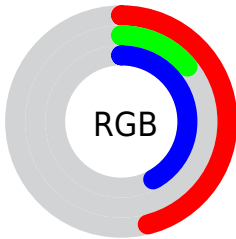
Format	Color
R_{YB}	117, 35, 106
Decimal	7676778
CIE _{Lab}	29.47, 44.20, -23.12
CIE _{LCh}	29, 49.880, 332.383
Yxy	6.0246, 0.3421, 0.1956
Android (android.graphics.Color)	4285866858 (0xFF75236A)
YUV	67.6120, 18.9253, 43.3133
Hunter-Lab	24.5450, 33.6871, -17.2235

Details

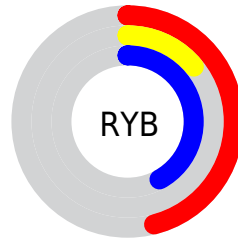
The Hex color **75236A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **23752E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **AB579E**, and **41003A** is the 20% darker color. If you saturate the color by 10%, you get **751768**, and if you desaturate by 10%, it is **752F6C**.

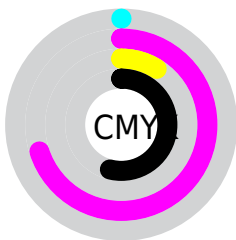
Distribution



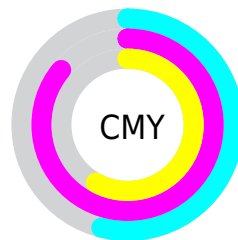
- Red (46%)
- Green (14%)
- Blue (42%)



- Red (46%)
- Yellow (14%)
- Blue (42%)



- Cyan (0%)
- Magenta (70%)
- Yellow (9%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75236A 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 75236A by changing the saturation by 10% instead.

 75236A

 75236A

FFFFFF

 5B0252

 AB579E

 41003A

 C871B9

 2C0025

 E58CD4

 00000C

 FFA7F1

 000000

 FFC3FF

 FFDFFF

 FFFCFF

 75236A

 75236A

■ 751768

■ 752F6C

■ 750C67

■ 753A6D

■ 750065

■ 75466F

■ 755270

■ 755E72

■ 756973

■ 757575

■ 758177

■ 758C78

Harmonies

Analogous

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



463988



75236A



871244

Triad

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



75236A



534500



00566E

Complementary

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



75236A



23752E

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.



005648



75236A



2B4F00

Square

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



75236A



713500



00541F



00528A

Rectangle

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



75236A



87192B



00541F



005662

Sweetspot

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



75236A



997995



2E2375



4D394A



CCCCCC



4D4D4D

Same Dimension

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



75236A



991888



752341



3B353A



7A006A



FA00D8

Inverse Universe

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



75236A



991888



237557



3B353A



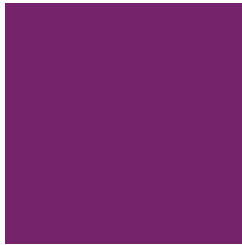
7A006A



FA00D8

Previews

White Background



This preview shows how the Hex color 75236A looks on a white background.

Color Contrast Check

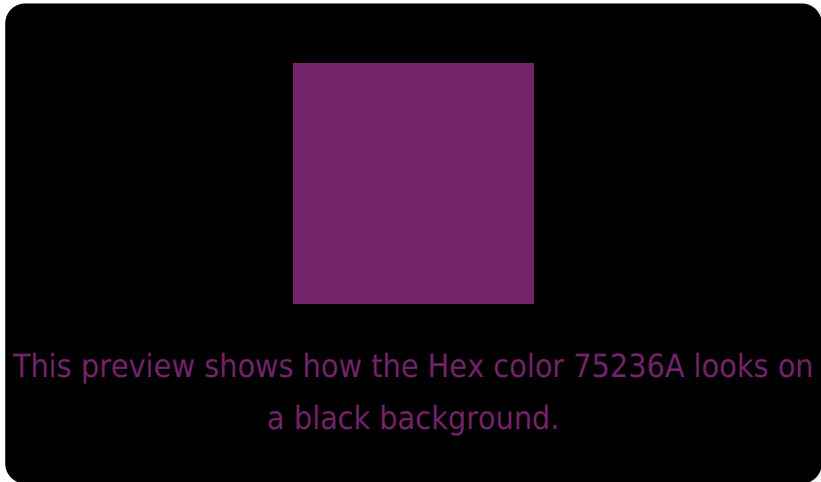
Large Text (above 18pt) WCAG AA ✓ Pass

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

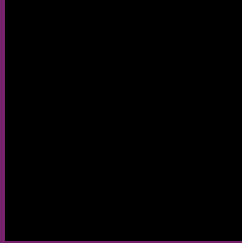
Any Text WCAG AA × Fail

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 75236A Background



This preview shows how black text looks on a background with the Hex color 75236A.




This preview shows how white text looks on a background with the Hex color 75236A.

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
703337

Trichromacy



Original Color
75236A

Protanomaly
40387C

Deuteranomaly
503967

Tritanomaly
722D4A

Monochromacy



Original Color
75236A

Achromatopsia
444444

Achromatomaly
563852

CSS Examples

Text

The CSS property to change the color of the text to Hex 75236A 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 #75236A looks like.

```
.text, #text, p{  
    color:#75236A  
}
```

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 #75236A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75236A
}
```

Border

The CSS property to change the border of an element to Hex 75236A 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
#75236A }
```

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

```
.border{ border-color:#75236A }
```

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

Here you see how a box with a 4 pixel #75236A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75236A; -webkit-box-shadow:4px 4px  
4px 4px #75236A; box-shadow:4px 4px 4px  
4px #75236A }
```

Background

The CSS property to change the background color of an element to Hex 75236A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75236A }
```

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

```
.background{ background-color:#75236A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor