

Converting Colors

Hex(734890)

Have a look what the booklet for
Hex(734890) contains.

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Color

Hex(734890)

Conversions

Conversions Part 1

Format	Color
Hex	734890
RGB	115, 72, 144
RGB Percent	45%, 28%, 56%
CMY	0.5490, 0.7176, 0.4353
CMYK	0.20, 0.50, 0.00, 0.44
HSL	276°, 33%, 42%
HSV	276°, 50%, 56%
XYZ	14.4216, 10.2932, 27.6122
YIQ	93.0650, 2.5160, 31.5080

Conversions

Conversions Part 2

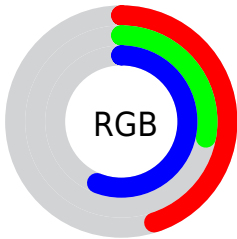
Format	Color
R_{YB}	115, 72, 144
Decimal	7555216
CIE _{Lab}	38.36, 32.36, -32.86
CIE _{LCh}	38, 46.119, 314.556
Yxy	10.2932, 0.2756, 0.1967
Android (android.graphics.Color)	4285745296 (0xFF734890)
YUV	93.0650, 25.1110, 19.2370
Hunter-Lab	32.0830, 24.0924, -28.5699

Details

The Hex color **734890** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **659048**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A97AC6**, and **40195D** is the 20% darker color. If you saturate the color by 10%, you get **6D3A90**, and if you desaturate by 10%, it is **795690**.

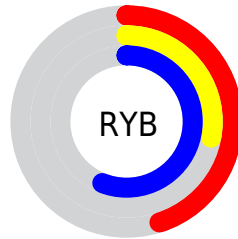
Distribution



Red (45%)

Green (28%)

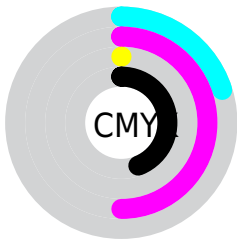
Blue (56%)



Red (45%)

Yellow (28%)

Blue (56%)

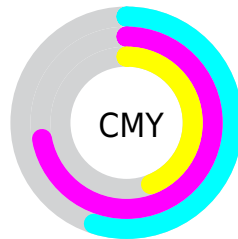


Cyan (20%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 734890 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 734890 by changing the saturation by 10% instead.

734890

734890

FFFFFF

593076

A97AC6

40195D

C494E2

280245

E1AFFF

14002F

FECBFF

000119

FFE7FF

000000

734890

734890

6D3A90

795690

672B90

7F6590

621D90

847390

5C0E90

8A8290

560090

909090

969E90

9CAD90

A1BB90

A7CA90

Harmonies

Analogous

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



2F58A3



734890



94386F

Triad

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



734890



7C5108



006C6C

Complementary

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



734890



659048

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.



006B45



734890



5C5E02

Square

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



734890



944227



306621



006A8E

Rectangle

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



734890



9D3456



306621



006C5F

Sweetspot

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



734890



AF9EBA



486690



584D5E



DEDEDE



5E5E5E

Same Dimension

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



734890



8D4ABA



90488A



454047



510087



050008

Inverse Universe

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



904865



BA4A77



48904E



474043



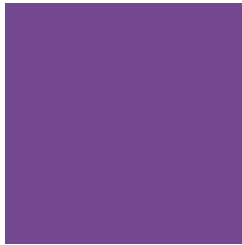
870036



080003

Previews

White Background



This preview shows how the Hex color 734890 looks on a white background.

Color Contrast Check

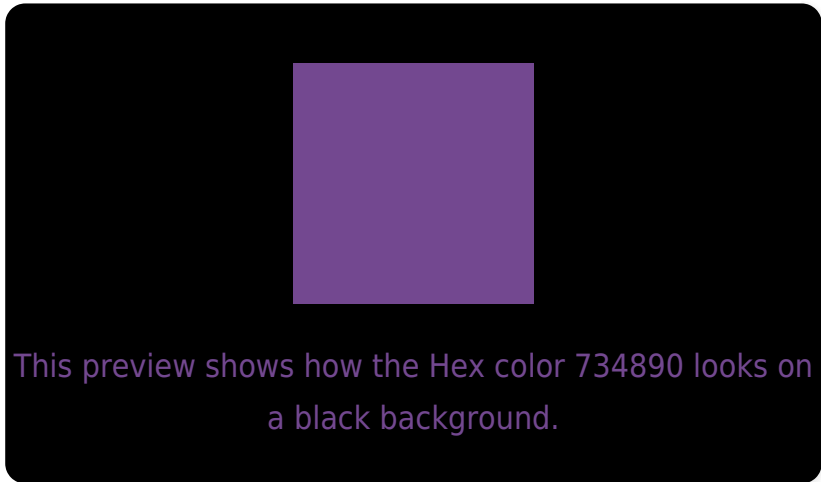
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

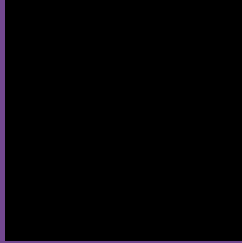
Any Text WCAG AA × Fail

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 734890 Background



This preview shows how black text looks on a background with the Hex color 734890.



This preview shows how white text looks on a background with the Hex color 734890.

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](#).

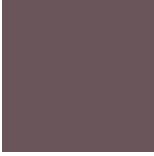
Dichromacy



Original Color
734890

Protanopia
3A589F

Deuteranopia
415B8C



Tritanopia
6A555B

Trichromacy



Original Color
734890

Protanomaly
4F529A

Deuteranomaly
53548D

Tritanomaly
6D506E

Monochromacy



Original Color
734890

Achromatopsia
5D5D5D

Achromatomaly
655570

CSS Examples

Text

The CSS property to change the color of the text to Hex 734890 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 #734890 looks like.

```
.text, #text, p{  
    color:#734890  
}
```

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 #734890 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734890
}
```

Border

The CSS property to change the border of an element to Hex 734890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

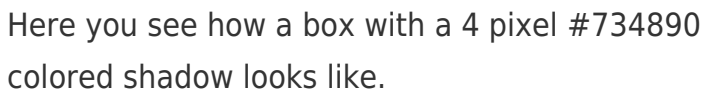
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#734890 }
```

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

```
.border{ border-color:#734890 }
```

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



Here you see how a box with a 4 pixel #734890 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734890; -webkit-box-shadow:4px 4px  
4px 4px #734890; box-shadow:4px 4px 4px  
4px #734890 }
```

Background

The CSS property to change the background color of an element to Hex 734890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734890 }
```

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

```
.background{ background-color:#734890 }
```

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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