

Converting Colors

Hex(764D92)

Have a look what the booklet for
Hex(764D92) contains.

Hex(764D92)	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(764D92)

Conversions

Conversions Part 1

Format	Color
Hex	764D92
RGB	118, 77, 146
RGB Percent	46%, 30%, 57%
CMY	0.5373, 0.6980, 0.4275
CMYK	0.19, 0.47, 0.00, 0.43
HSL	276°, 31%, 44%
HSV	276°, 47%, 57%
XYZ	15.3134, 11.2346, 28.5555
YIQ	97.1250, 2.2870, 30.1510

Conversions

Conversions Part 2

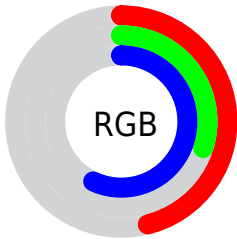
Format	Color
R_{YB}	118, 77, 146
Decimal	7753106
CIE _{Lab}	39.97, 30.81, -31.51
CIE _{LCh}	40, 44.071, 314.351
Yxy	11.2346, 0.2779, 0.2039
Android (android.graphics.Color)	4285943186 (0xFF764D92)
YUV	97.1250, 24.0954, 18.3074
Hunter-Lab	33.5181, 22.8945, -27.0491

Details

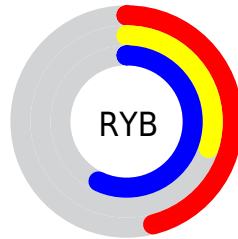
The Hex color **764D92** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69924D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **AC7FC8**, and **431E5F** is the 20% darker color. If you saturate the color by 10%, you get **703E92**, and if you desaturate by 10%, it is **7C5C92**.

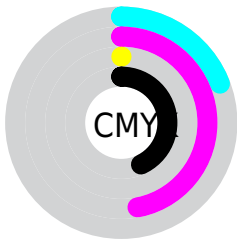
Distribution



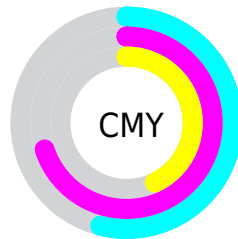
- Red (46%)
- Green (30%)
- Blue (57%)



- Red (46%)
- Yellow (30%)
- Blue (57%)



- Cyan (19%)
- Magenta (47%)
- Yellow (0%)
- Black (43%)



- Cyan (54%)
- Magenta (70%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764D92 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 764D92 by changing the saturation by 10% instead.

 764D92

 764D92

FFFFFF

 5C3578

 AC7FC8

 431E5F

 C799E5

 2B0747

 E4B4FF

 1A0030

 FFD0FF

 00011A

 FFEDFF

 000000

 764D92

 764D92

 703E92

 7C5C92

 6A3092

 826A92

■ 642192

■ 887992

■ 5E1392

■ 8E8792

■ 580492

■ 949692

■ 570092

■ 9AA592

■ 9FB392

■ A5C292

■ ABD092

Harmonies

Analogous

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



385CA4



764D92



963F73

Triad

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



764D92



805613



006F6F

Complementary

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



764D92



69924D

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.



006E4A



764D92



60620F

Square

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



764D92



97472D



376A27



006D90

Rectangle

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



764D92



9E3B5A



376A27



006F63

Sweetspot

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



764D92



B2A2BD



4D6A92



584E5E



DEDEDE



5E5E5E

Same Dimension

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



764D92



9151BD



924D8C



47434A



52008A



06000A

Inverse Universe

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



924D69



BD517D



4D9253



4A4346



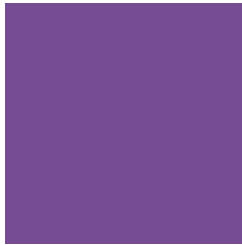
8A0038



0A0004

Previews

White Background



This preview shows how the Hex color 764D92 looks on a white background.

Color Contrast Check

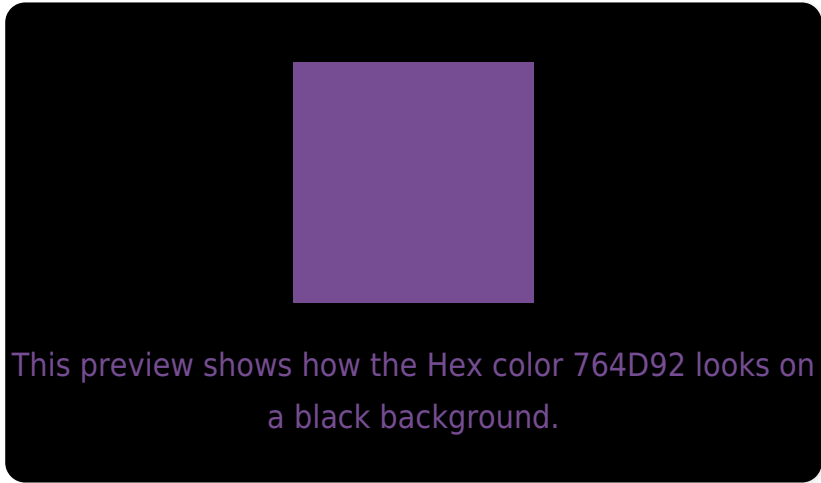
Large Text (above 18pt) WCAG AA ✓ Pass

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

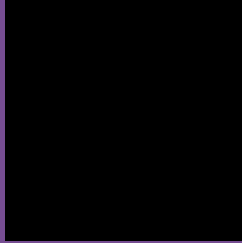
Any Text WCAG AA × Fail

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 764D92 Background



This preview shows how black text looks on a background with the Hex color 764D92.

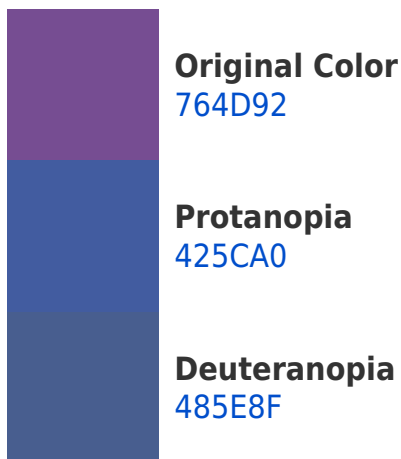



This preview shows how white text looks on a background with the Hex color 764D92.

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
6E5960

Trichromacy



Original Color
764D92

Protanomaly
55579B

Deuteranomaly
595890

Tritanomaly
715572

Monochromacy



Original Color
764D92

Achromatopsia
616161

Achromatomaly
695A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 764D92 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 #764D92 looks like.

```
.text, #text, p{  
    color:#764D92  
}
```

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 #764D92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764D92
}
```

Border

The CSS property to change the border of an element to Hex 764D92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

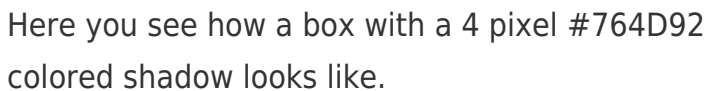
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764D92 }
```

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

```
.border{ border-color:#764D92 }
```

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



Here you see how a box with a 4 pixel #764D92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764D92; -webkit-box-shadow:4px 4px  
4px 4px #764D92; box-shadow:4px 4px 4px  
4px #764D92 }
```

Background

The CSS property to change the background color of an element to Hex 764D92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764D92 }
```

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

```
.background{ background-color:#764D92 }
```

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