

Converting Colors

Hex(762C85)

Have a look what the booklet for
Hex(762C85) contains.

Hex(762C85)	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(762C85)

Conversions

Conversions Part 1

Format	Color
Hex	762C85
RGB	118, 44, 133
RGB Percent	46%, 17%, 52%
CMY	0.5373, 0.8275, 0.4784
CMYK	0.11, 0.67, 0.00, 0.48
HSL	290°, 50%, 35%
HSV	290°, 67%, 52%
XYZ	12.6055, 7.3464, 22.9439
YIQ	76.2720, 15.5350, 43.3670

Conversions

Conversions Part 2

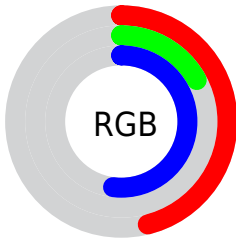
Format	Color
R_{YB}	118, 44, 133
Decimal	7744645
CIE _{Lab}	32.58, 45.57, -35.25
CIE _{LCh}	33, 57.616, 322.279
Yxy	7.3464, 0.2939, 0.1713
Android (android.graphics.Color)	4285934725 (0xFF762C85)
YUV	76.2720, 27.9669, 36.5955
Hunter-Lab	27.1042, 35.5839, -31.2165

Details

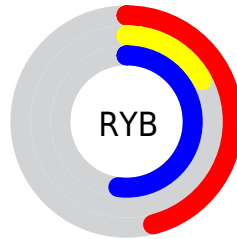
The Hex color **762C85** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3B852C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AD5FBB**, and **420053** is the 20% darker color. If you saturate the color by 10%, you get **741F85**, and if you desaturate by 10%, it is **783985**.

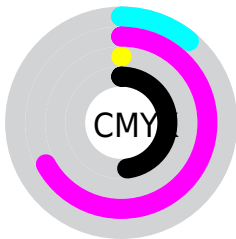
Distribution



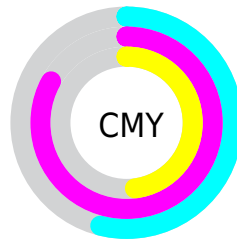
- Red (46%)
- Green (17%)
- Blue (52%)



- Red (46%)
- Yellow (17%)
- Blue (52%)



- Cyan (11%)
- Magenta (67%)
- Yellow (0%)
- Black (48%)



- Cyan (54%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 762C85 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 762C85 by changing the saturation by 10% instead.

 762C85

 762C85

FFFFFF

 5C0F6B

 AD5FBB

 420053

 C97AD7

 2B003B

 E694F3

 070025

 FFB0FF

 00000D

 FFC0FF

 000000

 FFE8FF

 762C85

 762C85

 741F85

 783985

■ 721185

■ 7A4785

■ 6F0485

■ 7D5485

■ 6F0085

■ 7F6185

■ 816F85

■ 837C85

■ 868985

■ 889685

■ 8AA485

Harmonies

Analogous

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



2346A2



762C85



95095A

Triad

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



762C85



684700



00606E

Complementary

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



762C85



3B852C

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.



005F3F



762C85



3E5400

Square

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



762C85



873100



005C0B



005E95

Rectangle

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



762C85



9A053C



005C0B



00605F

Sweetspot

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



762C85



A88BAD



2C3C85



534257



D6D6D6



575757

Same Dimension

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



762C85



9623AD



852C69



413C42



6C0082



020003

Inverse Universe

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



852C3B



AD233A



2C8548



423C3D



820016



030000

Previews

White Background



This preview shows how the Hex color 762C85 looks on a white background.

Color Contrast Check

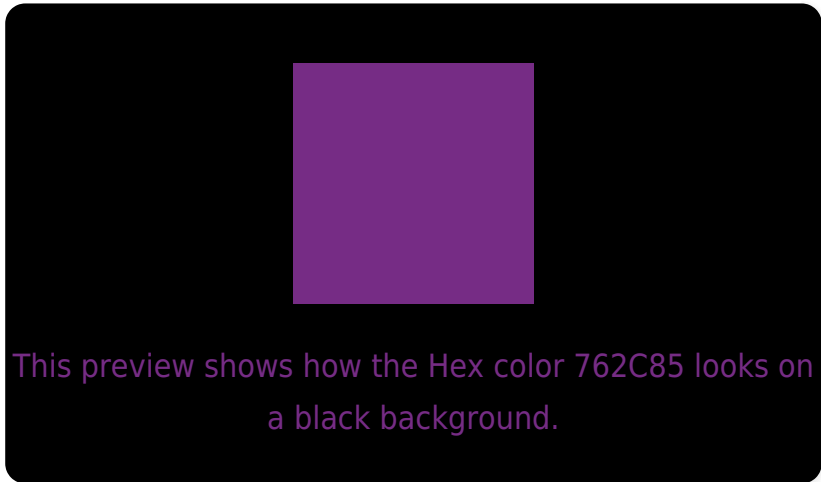
Large Text (above 18pt) WCAG AA ✓ Pass

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

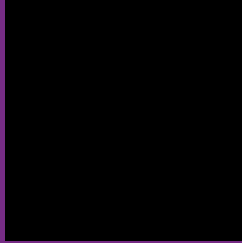
Any Text WCAG AA × Fail

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 762C85 Background



This preview shows how black text looks on a background with the Hex color 762C85.

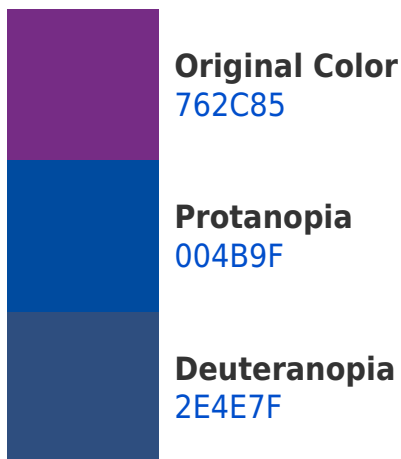


This preview shows how white text looks on a background with the Hex color 762C85.

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
6D4045

Trichromacy



Original Color
762C85



Protanomaly
2B4096



Deuteranomaly
484281



Tritanomaly
70395C

Monochromacy



Original Color
762C85



Achromatopsia
4C4C4C



Achromatomaly
5B4061

CSS Examples

Text

The CSS property to change the color of the text to Hex 762C85 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 #762C85 looks like.

```
.text, #text, p{  
    color:#762C85  
}
```

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 #762C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762C85
}
```

Border

The CSS property to change the border of an element to Hex 762C85 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
#762C85 }
```

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

```
.border{ border-color:#762C85 }
```

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

Here you see how a box with a 4 pixel #762C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762C85; -webkit-box-shadow:4px 4px  
4px 4px #762C85; box-shadow:4px 4px 4px  
4px #762C85 }
```

Background

The CSS property to change the background color of an element to Hex 762C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762C85 }
```

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

```
.background{ background-color:#762C85 }
```

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