

# Converting Colors

Hex(762D73)

Have a look what the booklet for  
Hex(762D73) contains.

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**Color**

**Hex(762D73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	762D73
RGB	118, 45, 115
RGB Percent	46%, 18%, 45%
CMY	0.5373, 0.8235, 0.5490
CMYK	0.00, 0.62, 0.03, 0.54
HSL	302°, 45%, 32%
HSV	302°, 62%, 46%
XYZ	11.5041, 6.9661, 16.9579
YIQ	74.8070, 21.0380, 37.2460

# Conversions

## Conversions Part 2

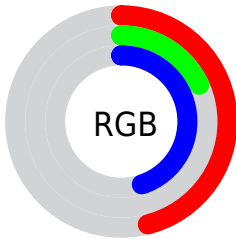
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 45, 115
Decimal	7744883
CIE <sub>Lab</sub>	31.73, 41.60, -25.31
CIE <sub>LCh</sub>	32, 48.694, 328.679
Yxy	6.9661, 0.3247, 0.1966
Android (android.graphics.Color)	4285934963 (0xFF762D73)
YUV	74.8070, 19.8151, 37.8803
Hunter-Lab	26.3934, 31.6144, -19.6187

# Details

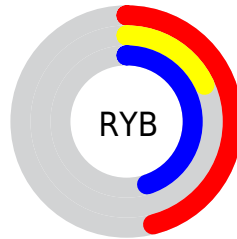
The Hex color **762D73** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D7630**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AC60A7**, and **430042** is the 20% darker color. If you saturate the color by 10%, you get **762173**, and if you desaturate by 10%, it is **763973**.

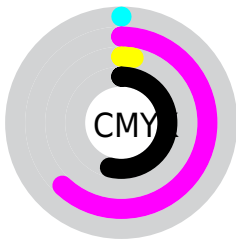
# Distribution



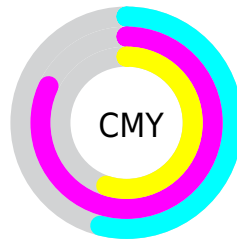
- Red (46%)
- Green (18%)
- Blue (45%)



- Red (46%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (62%)
- Yellow (3%)
- Black (54%)



- Cyan (54%)
- Magenta (82%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 762D73 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 762D73 by changing the saturation by 10% instead.



 762D73

 762D73

FFFFFF

 5C125A

 AC60A7

 430042

 C87AC3

 2D002C

 E594DF

 030016

 FFB0FB

 000000

 FFCCFF

 FFE8FF

 762D73

 762D73

 762173

 763973

 761572

 764574

 760A72

 765074

 760071

 765C75

 766875

 767476

 768076

 768B77

 769777

# Harmonies

## Analogous

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



43418E



762D73



8B1D4E

# Triad

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



762D73



5D4800



005B6E

# Complementary

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



762D73



2D7630

# 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.



005B48



762D73



375300

# Square

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



762D73



793802



005920



00588C

# Rectangle

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



762D73



8D2035



005920



005C62



# Sweetspot

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



762D73



997C98



2F2D76



4D3B4C



CCCCCC



4D4D4D



# Same Dimension

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



762D73



992894



762D4F



3B353A



7A0075



FA00F0



# Inverse Universe

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



762D73



992894



2D7654



3B353A



7A0075



FA00F0



# Previews

## White Background



This preview shows how the Hex color 762D73 looks on a white background.

## Color Contrast Check

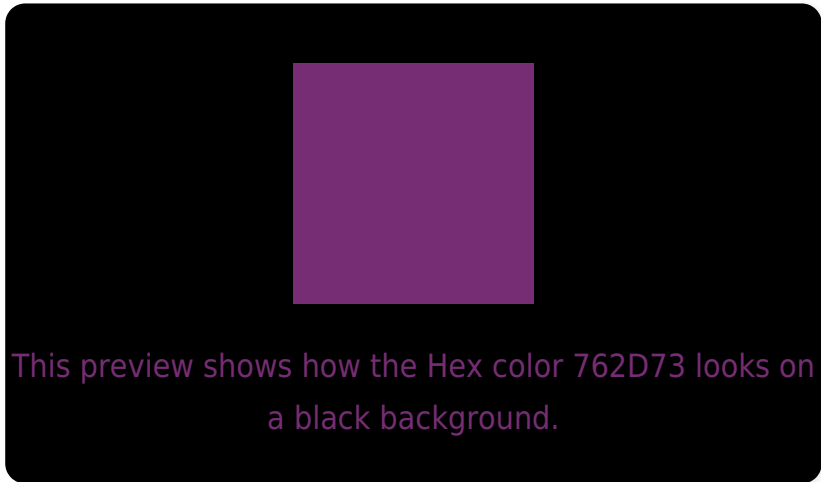
Large Text (above 18pt) WCAG AA ✓ Pass

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

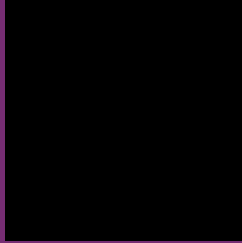
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 762D73 Background



This preview shows how black text looks on a background with the Hex color 762D73.

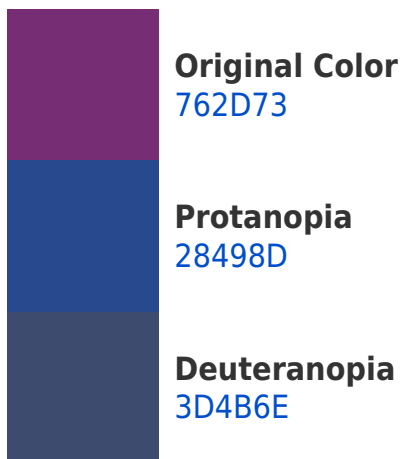


This preview shows how white text looks on a background with the Hex color 762D73.

# 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**  
703C40

# Trichromacy



**Original Color**  
762D73



**Protanomaly**  
443F84



**Deuteranomaly**  
524070



**Tritanomaly**  
723753

# Monochromacy



**Original Color**  
762D73



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
5B405A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 762D73 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 #762D73 looks like.

```
.text, #text, p{  
    color:#762D73  
}
```

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 #762D73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762D73
}
```

## Border

The CSS property to change the border of an element to Hex 762D73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

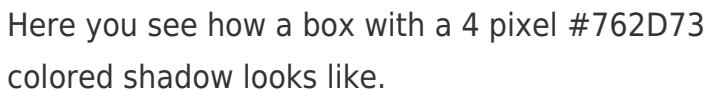
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#762D73 }
```

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

```
.border{ border-color:#762D73 }
```

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



Here you see how a box with a 4 pixel #762D73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762D73; -webkit-box-shadow:4px 4px  
4px 4px #762D73; box-shadow:4px 4px 4px  
4px #762D73 }
```

# Background

The CSS property to change the background color of an element to Hex 762D73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762D73 }
```

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

```
.background{ background-color:#762D73 }
```

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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