

Converting Colors

Hex(742593)

Have a look what the booklet for
Hex(742593) contains.

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Color

Hex(742593)

Conversions

Conversions Part 1

Format	Color
Hex	742593
RGB	116, 37, 147
RGB Percent	45%, 15%, 58%
CMY	0.5451, 0.8549, 0.4235
CMYK	0.21, 0.75, 0.00, 0.42
HSL	283°, 60%, 36%
HSV	283°, 75%, 58%
XYZ	13.1305, 7.1427, 28.2904
YIQ	73.1610, 11.7740, 50.9580

Conversions

Conversions Part 2

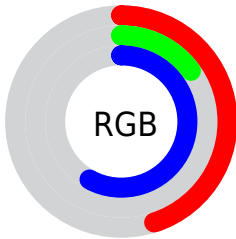
Format	Color
R_{YB}	116, 37, 147
Decimal	7611795
CIE _{Lab}	32.13, 51.02, -44.64
CIE _{LCh}	32, 67.791, 318.816
Y _{xy}	7.1427, 0.2704, 0.1471
Android (android.graphics.Color)	4285801875 (0xFF742593)
YUV	73.1610, 36.4026, 37.5698
Hunter-Lab	26.7259, 40.9272, -44.0527

Details

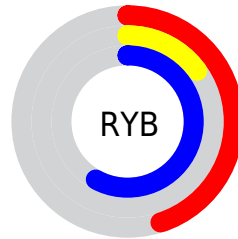
The Hex color **742593** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **449325**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AB5ACA**, and **3F005F** is the 20% darker color. If you saturate the color by 10%, you get **701693**, and if you desaturate by 10%, it is **783493**.

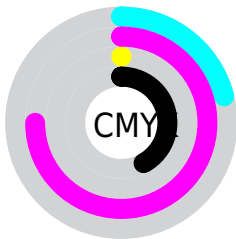
Distribution



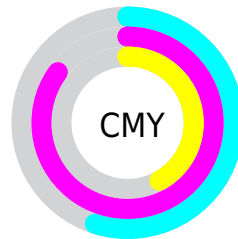
- Red (45%)
- Green (15%)
- Blue (58%)



- Red (45%)
- Yellow (15%)
- Blue (58%)



- Cyan (21%)
- Magenta (75%)
- Yellow (0%)
- Black (42%)



- Cyan (55%)
- Magenta (85%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742593 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 742593 by changing the saturation by 10% instead.

742593

742593

FFFFFF

590279

AB5ACA

3F005F

C874E6

260047

E58FFF

000030

FFABFF

00011A

FFC7FF

000000

FFE4FF

742593

742593

701693

783493

6C0893

7C4293

6A0093

805193

856093

896F93

8D7D93

918C93

959B93

99A993

Harmonies

Analogous

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



0047B3



742593



9D0062

Triad

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



742593



6E4200



00616D

Complementary

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



742593



449325

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.



005F35



742593



3E5300

Square

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



742593



912200



005C00



00609C

Rectangle

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



742593



A4003F



005C00



00605B

Sweetspot

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



742593



B395BF



254493



5A4861



E0E0E0



616161

Same Dimension

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



742593



8F13BF



93257B



48434A



63008A



07000A

Inverse Universe

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



932544



BF1344



25933D



4A4345



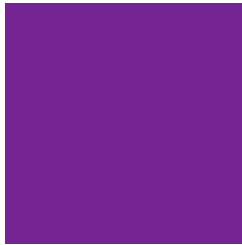
8A0027



0A0003

Previews

White Background



This preview shows how the Hex color 742593 looks on a white background.

Color Contrast Check

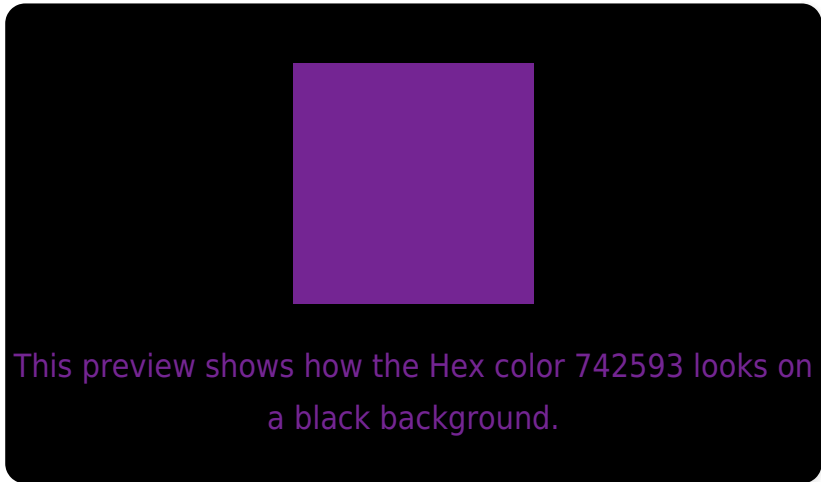
Large Text (above 18pt) WCAG AA ✓ Pass

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

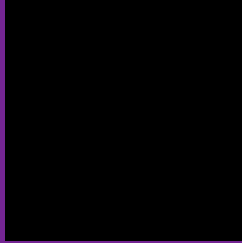
Any Text WCAG AA × Fail

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 742593 Background



This preview shows how black text looks on a background with the Hex color 742593.

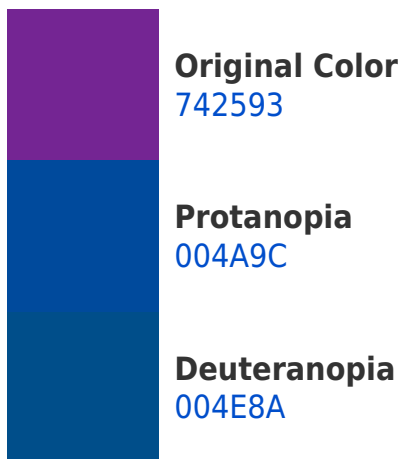



This preview shows how white text looks on a background with the Hex color 742593.

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
684146

Trichromacy



Original Color

742593



Protanomaly

2A3D99



Deuteranomaly

2A3F8D



Tritanomaly

6C3762

Monochromacy



Original Color

742593



Achromatopsia

494949



Achromatomaly

593C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 742593 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 #742593 looks like.

```
.text, #text, p{  
    color:#742593  
}
```

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 #742593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742593
}
```

Border

The CSS property to change the border of an element to Hex 742593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

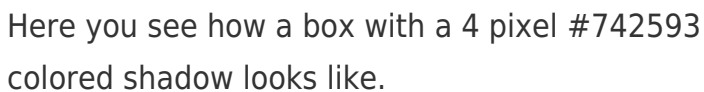
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742593 }
```

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

```
.border{ border-color:#742593 }
```

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



Here you see how a box with a 4 pixel #742593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742593; -webkit-box-shadow:4px 4px  
4px 4px #742593; box-shadow:4px 4px 4px  
4px #742593 }
```

Background

The CSS property to change the background color of an element to Hex 742593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742593 }
```

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

```
.background{ background-color:#742593 }
```

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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