

Converting Colors

Hex(753087)

Have a look what the booklet for
Hex(753087) contains.

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Color

Hex(753087)

Conversions

Conversions Part 1

Format	Color
Hex	753087
RGB	117, 48, 135
RGB Percent	46%, 19%, 53%
CMY	0.5412, 0.8118, 0.4706
CMYK	0.13, 0.64, 0.00, 0.47
HSL	288°, 48%, 36%
HSV	288°, 64%, 53%
XYZ	12.7662, 7.6451, 23.7245
YIQ	78.5490, 13.1970, 41.6850

Conversions

Conversions Part 2

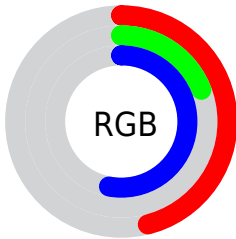
Format	Color
R_{YB}	117, 48, 135
Decimal	7680135
CIE _{Lab}	33.23, 43.85, -35.47
CIE _{LCh}	33, 56.399, 321.036
Yxy	7.6451, 0.2892, 0.1732
Android (android.graphics.Color)	4285870215 (0xFF753087)
YUV	78.5490, 27.8303, 33.7215
Hunter-Lab	27.6497, 34.0287, -31.5181

Details

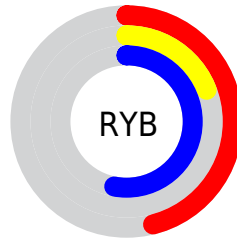
The Hex color **753087** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **428730**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AB63BD**, and **410055** is the 20% darker color. If you saturate the color by 10%, you get **722387**, and if you desaturate by 10%, it is **783E87**.

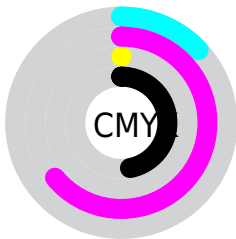
Distribution



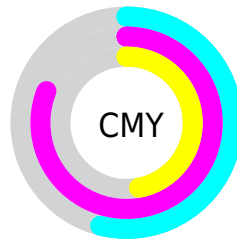
- Red (46%)
- Green (19%)
- Blue (53%)



- Red (46%)
- Yellow (19%)
- Blue (53%)



- Cyan (13%)
- Magenta (64%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 753087 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 753087 by changing the saturation by 10% instead.

 753087

 753087

FFFFFF

 5B156D

 AB63BD

 410055

 C87DD9

 2A003D

 E498F5

 080026

 FFB3FF

 00010F

 FFCFFF

 000000

 FFECFF

 753087

 753087

 722387

 783E87

6F1587

7B4B87

6D0887

7D5987

6B0087

806687

837487

868187

898F87

8B9C87

8EAA87

Harmonies

Analogous

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



2148A3



753087



95135E

Triad

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



753087



6B4800



00616D

Complementary

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



753087



428730

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.



00603F



753087



425500

Square

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



753087



8A3203



005D0C



005F93

Rectangle

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



753087



9B0E40



005D0C



00615E

Sweetspot

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



753087



A98FB0



304387



554559



D9D9D9



595959

Same Dimension

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



753087



9428B0



87306E



413C42



670082



020003

Inverse Universe

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



873042



B02844



308749



423C3D



82001B



030001

Previews

White Background



This preview shows how the Hex color 753087 looks on a white background.

Color Contrast Check

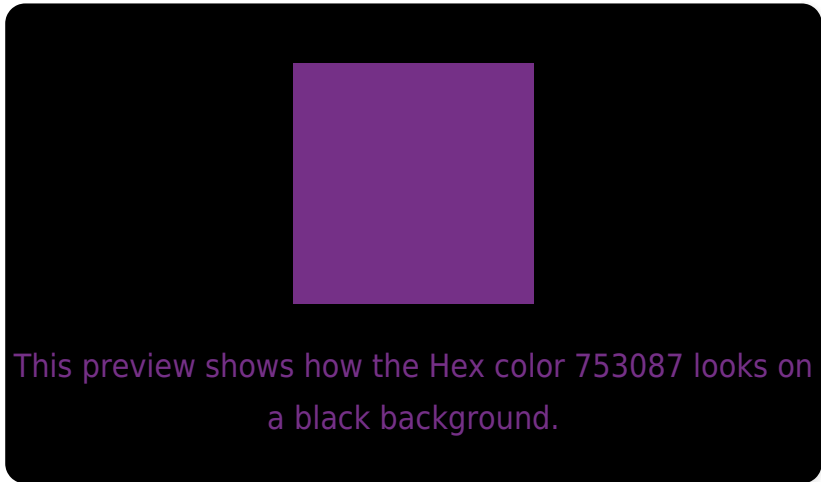
Large Text (above 18pt) WCAG AA ✓ Pass

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

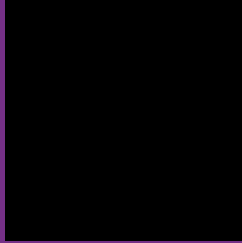
Any Text WCAG AA × Fail

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 753087 Background



This preview shows how black text looks on a background with the Hex color 753087.




This preview shows how white text looks on a background with the Hex color 753087.

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
6C4348

Trichromacy



Original Color
753087

Protanomaly
2B4298

Deuteranomaly
484483

Tritanomaly
6F3C5F

Monochromacy



Original Color
753087

Achromatopsia
4F4F4F

Achromatomaly
5D4463

CSS Examples

Text

The CSS property to change the color of the text to Hex 753087 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 #753087 looks like.

```
.text, #text, p{  
    color:#753087  
}
```

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 #753087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #753087
}
```

Border

The CSS property to change the border of an element to Hex 753087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

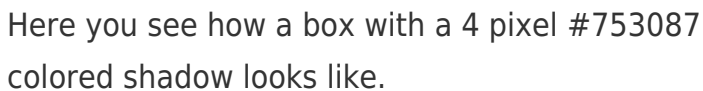
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#753087 }
```

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

```
.border{ border-color:#753087 }
```

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



Here you see how a box with a 4 pixel #753087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #753087; -webkit-box-shadow:4px 4px  
4px 4px #753087; box-shadow:4px 4px 4px  
4px #753087 }
```

Background

The CSS property to change the background color of an element to Hex 753087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#753087 }
```

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

```
.background{ background-color:#753087 }
```

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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