

Converting Colors

Hex(743586)

Have a look what the booklet for
Hex(743586) contains.

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Color

Hex(743586)

Conversions

Conversions Part 1

Format	Color
Hex	743586
RGB	116, 53, 134
RGB Percent	45%, 21%, 53%
CMY	0.5451, 0.7922, 0.4745
CMYK	0.13, 0.60, 0.00, 0.47
HSL	287°, 43%, 37%
HSV	287°, 60%, 53%
XYZ	12.7786, 7.9804, 23.4211
YIQ	81.0710, 11.5470, 38.5470

Conversions

Conversions Part 2

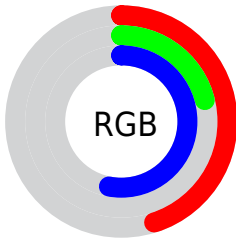
Format	Color
R_{YB}	116, 53, 134
Decimal	7615878
CIE _{Lab}	33.94, 40.88, -33.73
CIE _{LCh}	34, 52.994, 320.475
Yxy	7.9804, 0.2892, 0.1806
Android (android.graphics.Color)	4285805958 (0xFF743586)
YUV	81.0710, 26.0940, 30.6327
Hunter-Lab	28.2497, 31.3069, -29.3811

Details

The Hex color **743586** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **478635**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AA67BC**, and **410054** is the 20% darker color. If you saturate the color by 10%, you get **712886**, and if you desaturate by 10%, it is **774286**.

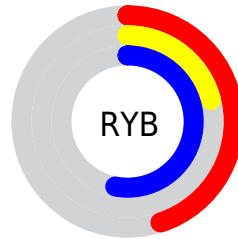
Distribution



Red (45%)

Green (21%)

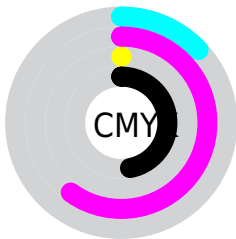
Blue (53%)



Red (45%)

Yellow (21%)

Blue (53%)

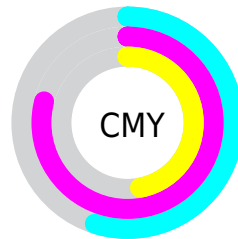


Cyan (13%)

Magenta (60%)

Yellow (0%)

Black (47%)



Cyan (55%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 743586 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 743586 by changing the saturation by 10% instead.

 743586

 743586

FFFFFF

 5A1C6C

 AA67BC

 410054

 C681D8

 29003C

 E39CF4

 090026

 FFB7FF

 00010E


 FFD4FF

 000000

 FFF0FF

 743586

 743586

 712886

 774286

6E1A86

7A5086

6B0D86

7D5D86

680086

806B86

837886

868586

899386

8CA086

8FAE86

Harmonies

Analogous

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



294B9F



743586



931F5F

Triad

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



743586



6D4900



00626C

Complementary

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



743586



478635

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.



006141



743586



465600

Square

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



743586



89360C



005E13



006090

Rectangle

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



743586



991C43



005E13



00625E

Sweetspot

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



743586



A68EAD



354886



524457



D6D6D6



575757

Same Dimension

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



743586



912FAD



863570



413C42



650082



020003

Inverse Universe

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



863547



AD2F4B



35864B



423C3D



82001D



030001

Previews

White Background



This preview shows how the Hex color 743586 looks on a white background.

Color Contrast Check

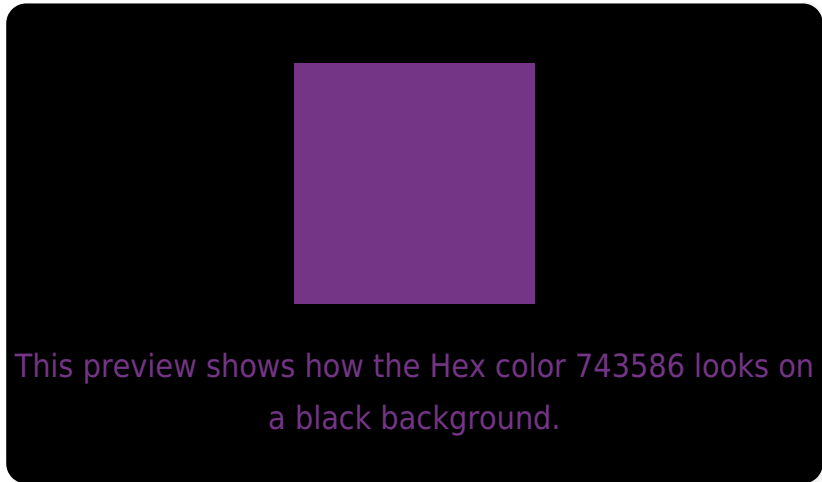
Large Text (above 18pt) WCAG AA ✓ Pass

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

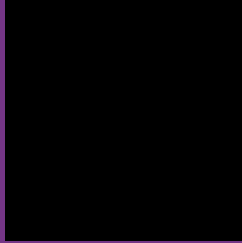
Any Text WCAG AA × Fail

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 743586 Background



This preview shows how black text looks on a background with the Hex color 743586.



This preview shows how white text looks on a background with the Hex color 743586.

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
6C464B

Trichromacy



Original Color
743586

Protanomaly
3D4595

Deuteranomaly
4B4783

Tritanomaly
6F4060

Monochromacy



Original Color
743586

Achromatopsia
515151

Achromatomaly
5E4764

CSS Examples

Text

The CSS property to change the color of the text to Hex 743586 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 #743586 looks like.

```
.text, #text, p{  
    color:#743586  
}
```

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 #743586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743586
}
```

Border

The CSS property to change the border of an element to Hex 743586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

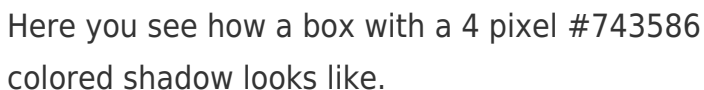
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743586 }
```

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

```
.border{ border-color:#743586 }
```

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



Here you see how a box with a 4 pixel #743586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743586; -webkit-box-shadow:4px 4px  
4px 4px #743586; box-shadow:4px 4px 4px  
4px #743586 }
```

Background

The CSS property to change the background color of an element to Hex 743586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743586 }
```

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

```
.background{ background-color:#743586 }
```

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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