

Converting Colors

Hex(793566)

Have a look what the booklet for
Hex(793566) contains.

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Color

Hex(793566)

Conversions

Conversions Part 1

Format	Color
Hex	793566
RGB	121, 53, 102
RGB Percent	47%, 21%, 40%
CMY	0.5255, 0.7922, 0.6000
CMYK	0.00, 0.56, 0.16, 0.53
HSL	317°, 39%, 34%
HSV	317°, 56%, 47%
XYZ	11.5565, 7.5705, 13.4225
YIQ	78.9180, 24.7990, 29.6550

Conversions

Conversions Part 2

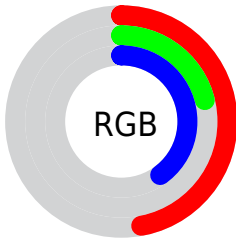
Format	Color
R_{YB}	121, 53, 102
Decimal	7943526
CIE Lab	33.07, 36.19, -14.93
CIE LCh	33, 39.147, 337.579
Yxy	7.5705, 0.3550, 0.2326
Android (android.graphics.Color)	4286133606 (0xFF793566)
YUV	78.9180, 11.3794, 36.9059
Hunter-Lab	27.5145, 26.8226, -9.6636

Details

The Hex color **793566** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **357948**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AF6799**, and **460037** is the 20% darker color. If you saturate the color by 10%, you get **792963**, and if you desaturate by 10%, it is **794169**.

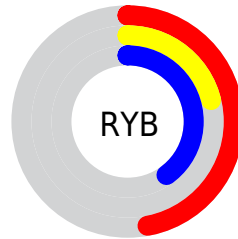
Distribution



Red (47%)

Green (21%)

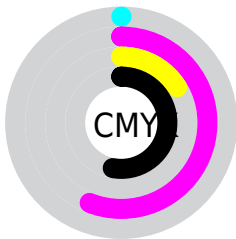
Blue (40%)



Red (47%)

Yellow (21%)

Blue (40%)

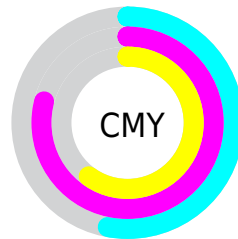


Cyan (0%)

Magenta (56%)

Yellow (16%)

Black (53%)



Cyan (53%)

Magenta (79%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 793566 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 793566 by changing the saturation by 10% instead.

 793566

 793566

FFFFFF

 5F1C4E

 AF6799

 460037

 CB81B4

 2F0022

 E89BCF

 0D0008

 FFB7EC

 000000

 FFD3FF

 FFEFFF

 793566

 793566

 792963

 794169

791D5F

794D6D

79115C

795970

790558

796574

790057

797277

797E7A

798A7E

799681

79A284

Harmonies

Analogous

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



59427F



793566



853047

Triad

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



793566



564F07



005C73

Complementary

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



793566



357948

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.



005C55



793566



355719

Square

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



793566



704411



005B35



005787

Rectangle

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



793566



843333



005B35



005C6A

Sweetspot

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



793566



9E8397



473579



4F3F4B



CFCFCF



4F4F4F

Same Dimension

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



793566



9E3481



793545



3D373B



7D005A



FC00B6

Inverse Universe

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



793566



9E3481



357969



3D373B



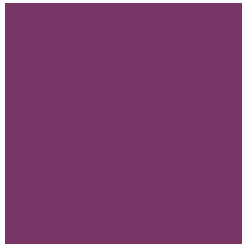
7D005A



FC00B6

Previews

White Background



This preview shows how the Hex color 793566 looks on a white background.

Color Contrast Check

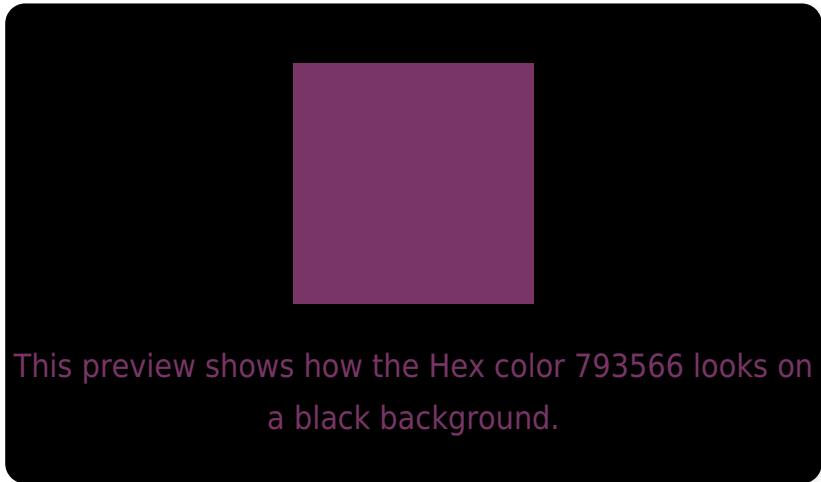
Large Text (above 18pt) WCAG AA ✓ Pass

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

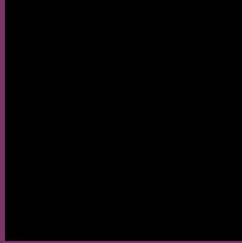
Any Text WCAG AA × Fail

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 793566 Background



This preview shows how black text looks on a background with the Hex color 793566.



This preview shows how white text looks on a background with the Hex color 793566.

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
753E42

Trichromacy



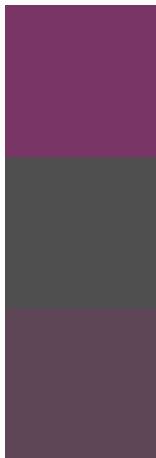
Original Color
793566

Protanomaly
544472

Deuteranomaly
5C4463

Tritanomaly
763B4F

Monochromacy



Original Color
793566

Achromatopsia
4F4F4F

Achromatomaly
5E4657

CSS Examples

Text

The CSS property to change the color of the text to Hex 793566 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 #793566 looks like.

```
.text, #text, p{  
    color:#793566  
}
```

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 #793566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793566
}
```

Border

The CSS property to change the border of an element to Hex 793566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

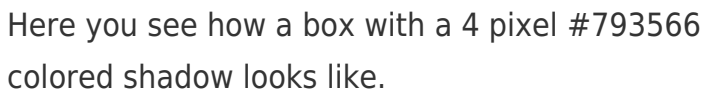
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#793566 }
```

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

```
.border{ border-color:#793566 }
```

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



Here you see how a box with a 4 pixel #793566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793566; -webkit-box-shadow:4px 4px  
4px 4px #793566; box-shadow:4px 4px 4px  
4px #793566 }
```

Background

The CSS property to change the background color of an element to Hex 793566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793566 }
```

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

```
.background{ background-color:#793566 }
```

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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