

# Converting Colors

Hex(794583)

Have a look what the booklet for  
Hex(794583) contains.

<b>Hex(794583)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(794583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	794583
RGB	121, 69, 131
RGB Percent	47%, 27%, 51%
CMY	0.5255, 0.7294, 0.4863
CMYK	0.08, 0.47, 0.00, 0.49
HSL	290°, 31%, 39%
HSV	290°, 47%, 51%
XYZ	14.1100, 9.9599, 22.6515
YIQ	91.6160, 11.0900, 30.3060

# Conversions

## Conversions Part 2

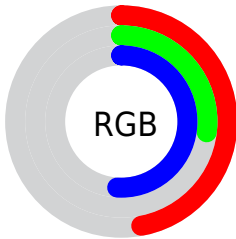
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 69, 131
Decimal	7947651
CIE <sub>Lab</sub>	37.77, 32.98, -25.80
CIE <sub>LCh</sub>	38, 41.872, 321.965
Yxy	9.9599, 0.3020, 0.2132
Android (android.graphics.Color)	4286137731 (0xFF794583)
<b>YUV</b>	91.6160, 19.4163, 25.7698
Hunter-Lab	31.5593, 24.5778, -20.4636

# Details

The Hex color **794583** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4F8345**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AF77B8**, and **461551** is the 20% darker color. If you saturate the color by 10%, you get **773883**, and if you desaturate by 10%, it is **7B5283**.

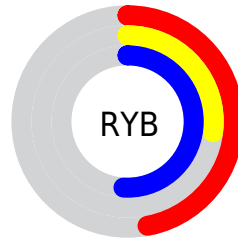
# Distribution



Red (47%)

Green (27%)

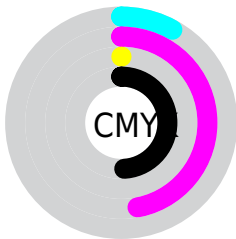
Blue (51%)



Red (47%)

Yellow (27%)

Blue (51%)

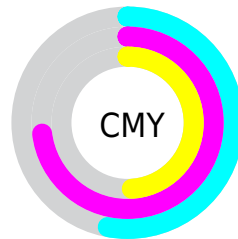


Cyan (8%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (53%)

Magenta (73%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 794583 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 794583 by changing the saturation by 10% instead.



 794583

 794583

FFFFFF

 5F2D6A

 AF77B8

 461551

 CB91D4

 2E003A

 E7ACF1

 1A0024

 FFC8FF

 00000B

 FFE4FF

 000000

 794583

 794583

 773883

 7B5283

 752B83

 7D5F83

731E83

7F6C83

711183

817983

6E0483

848783

6E0083

869483

88A183

8AAE83

8CBB83

# Harmonies

## Analogous

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



485498



794583



913A63

# Triad

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



794583



72540F



006971

# Complementary

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



794583



4F8345

# 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.



00684E



794583



525F13

# Square

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



794583



8A4724



27652D



00668E

# Rectangle

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



794583



96394D



27652D



006966



# Sweetspot

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



794583



A793AB



454F83



544857



D6D6D6



575757



# Same Dimension

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



794583



9B49AB



83456E



413C42



6D0082



020003



# Inverse Universe

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



83454F



AB4959



45835A



423C3D



820015

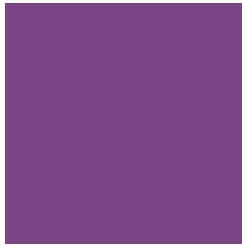


030000



# Previews

## White Background



This preview shows how the Hex color 794583 looks on a white background.

## Color Contrast Check

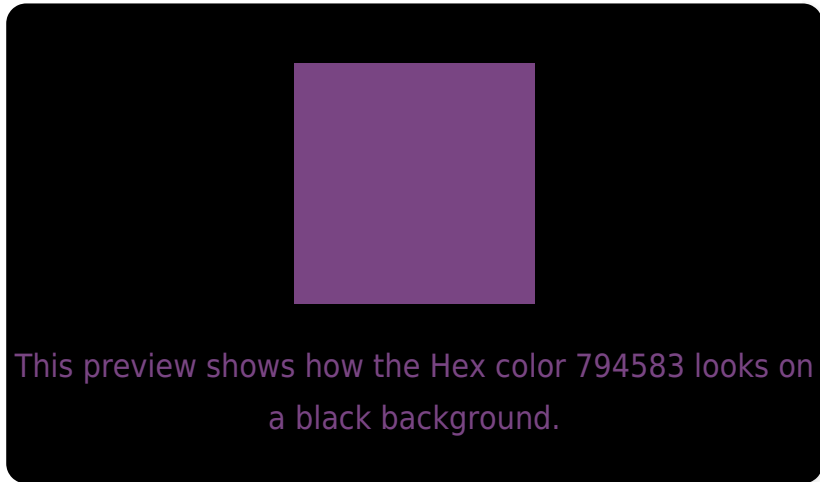
Large Text (above 18pt) WCAG AA ✓ Pass

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

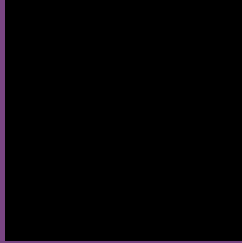
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 794583 Background



This preview shows how black text looks on a background with the Hex color 794583.




This preview shows how white text looks on a background with the Hex color 794583.

# 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**  
735056

# Trichromacy



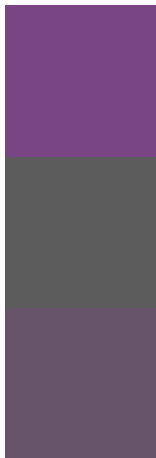
**Original Color**  
794583

**Protanomaly**  
55508D

**Deuteranomaly**  
5C5180

**Tritanomaly**  
754C66

# Monochromacy



**Original Color**  
794583

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
67546A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 794583 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 #794583 looks like.

```
.text, #text, p{  
    color:#794583  
}
```

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 #794583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #794583
}
```

## Border

The CSS property to change the border of an element to Hex 794583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

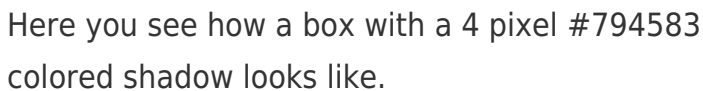
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#794583 }
```

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

```
.border{ border-color:#794583 }
```

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



Here you see how a box with a 4 pixel #794583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #794583; -webkit-box-shadow:4px 4px  
4px 4px #794583; box-shadow:4px 4px 4px  
4px #794583 }
```

# Background

The CSS property to change the background color of an element to Hex 794583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#794583 }
```

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

```
.background{ background-color:#794583 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor