

Converting Colors

Hex(795396)

Have a look what the booklet for
Hex(795396) contains.

Hex(795396)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(795396)

Conversions

Conversions Part 1

Format	Color
Hex	795396
RGB	121, 83, 150
RGB Percent	47%, 33%, 59%
CMY	0.5255, 0.6745, 0.4118
CMYK	0.19, 0.45, 0.00, 0.41
HSL	274°, 29%, 46%
HSV	274°, 45%, 59%
XYZ	16.4834, 12.4535, 30.3891
YIQ	102.0000, 1.1410, 28.8930

Conversions

Conversions Part 2

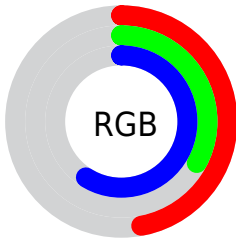
Format	Color
R_{YB}	121, 83, 150
Decimal	7951254
CIE _{Lab}	41.93, 29.14, -30.83
CIE _{LCh}	42, 42.420, 313.390
Yxy	12.4535, 0.2778, 0.2099
Android (android.graphics.Color)	4286141334 (0xFF795396)
YUV	102.0000, 23.6640, 16.6630
Hunter-Lab	35.2895, 21.6194, -26.3543

Details

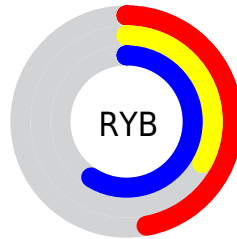
The Hex color **795396** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **709653**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AF85CD**, and **462463** is the 20% darker color. If you saturate the color by 10%, you get **734496**, and if you desaturate by 10%, it is **7F6296**.

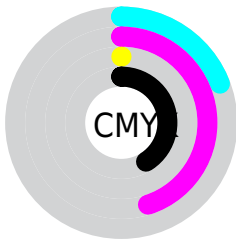
Distribution



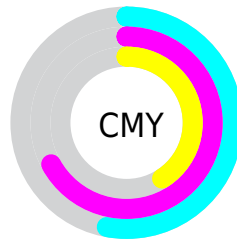
- Red (47%)
- Green (33%)
- Blue (59%)



- Red (47%)
- Yellow (33%)
- Blue (59%)



- Cyan (19%)
- Magenta (45%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 795396 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 795396 by changing the saturation by 10% instead.

795396

795396

FFFFFF

5F3B7C

AF85CD

462463

CAA0E9

2E0E4B

E7BBFF

1A0034

FFD7FF

00021E

FFF3FF

000000

795396

795396

734496

7F6296

6C3596

867196

662696

8C8096

5F1796

938F96

590896

999E96

550096

A0AD96

A6BC96

ADCB96

B3DA96

Harmonies

Analogous

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



3E61A7



795396



994678

Triad

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



795396



865A1D



007472

Complementary

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



795396



709653

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.



00734E



795396



676618

Square

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



795396



9B4C34



406E2D



007292

Rectangle

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



795396



A24360



406E2D



007466

Sweetspot

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



795396



B7A9C2



537096



5A5161



E0E0E0



616161

Same Dimension

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



795396



9559C2



965392



47434A



4E008A



06000A

Inverse Universe

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



965370



C25986



539657



4A4346



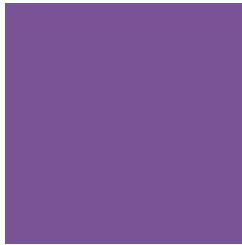
8A003C



0A0004

Previews

White Background



This preview shows how the Hex color 795396 looks on a white background.

Color Contrast Check

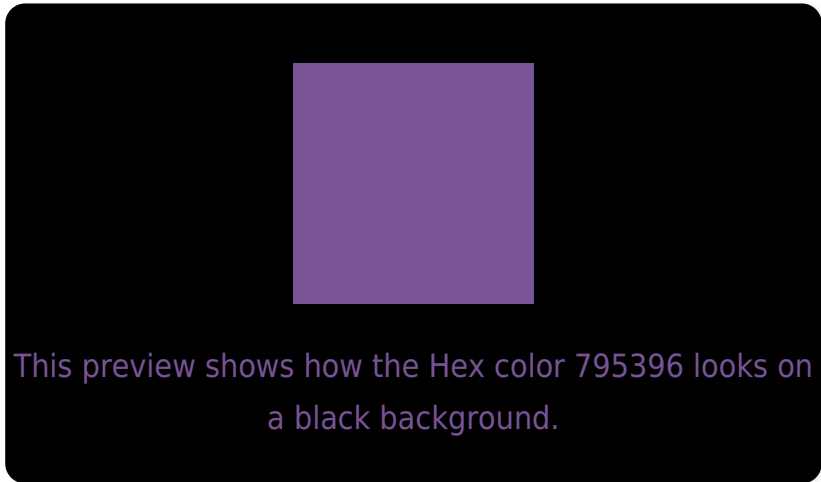
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

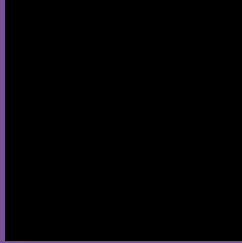
Any Text WCAG AA × Fail

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 795396 Background



This preview shows how black text looks on a background with the Hex color 795396.

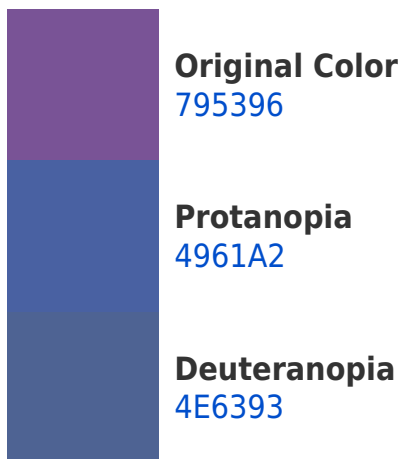



This preview shows how white text looks on a background with the Hex color 795396.

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
715E65

Trichromacy



Original Color
795396

Protanomaly
5A5C9E

Deuteranomaly
5E5D94

Tritanomaly
745A77

Monochromacy



Original Color
795396

Achromatopsia
666666

Achromatomaly
6D5F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 795396 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 #795396 looks like.

```
.text, #text, p{  
    color:#795396  
}
```

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 #795396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795396
}
```

Border

The CSS property to change the border of an element to Hex 795396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

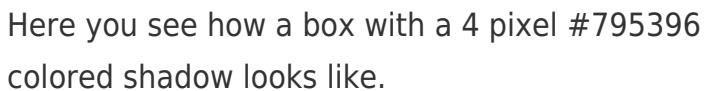
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795396 }
```

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

```
.border{ border-color:#795396 }
```

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



Here you see how a box with a 4 pixel #795396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795396; -webkit-box-shadow:4px 4px  
4px 4px #795396; box-shadow:4px 4px 4px  
4px #795396 }
```

Background

The CSS property to change the background color of an element to Hex 795396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795396 }
```

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

```
.background{ background-color:#795396 }
```

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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