

Converting Colors

Hex(797D96)

Have a look what the booklet for
Hex(797D96) contains.

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Color

Hex(797D96)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 797D96 |
| RGB | 121, 125, 150 |
| RGB Percent | 47%, 49%, 59% |
| CMY | 0.5255, 0.5098, 0.4118 |
| CMYK | 0.19, 0.17, 0.00, 0.41 |
| HSL | 232°, 12%, 53% |
| HSV | 232°, 19%, 59% |
| XYZ | 20.7238, 20.9342, 31.8026 |
| YIQ | 126.6540, -10.4090, 6.9270 |

Conversions

Conversions Part 2

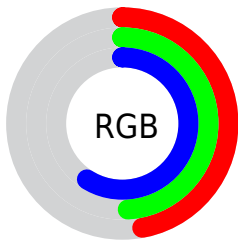
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 121, 125, 150 |
| Decimal | 7962006 |
| CIE _{Lab} | 52.88, 4.05, -13.94 |
| CIE _{LCh} | 53, 14.521, 286.215 |
| Yxy | 20.9342, 0.2821, 0.2850 |
| Android (android.graphics.Color) | 4286152086 (0xFF797D96) |
| YUV | 126.6540, 11.5096, -4.9586 |
| Hunter-Lab | 45.7539, 0.7806, -9.1835 |

Details

The Hex color **797D96** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **969279**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AEB2CC**, and **484C63** is the 20% darker color. If you saturate the color by 10%, you get **6A7096**, and if you desaturate by 10%, it is **888A96**.

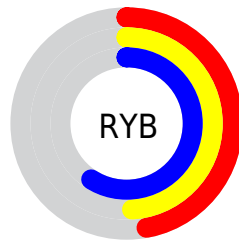
Distribution



Red (47%)

Green (49%)

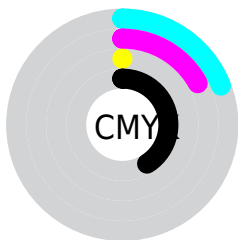
Blue (59%)



Red (47%)

Yellow (49%)

Blue (59%)

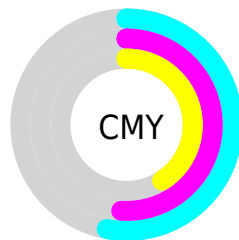


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (51%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797D96 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 797D96 by changing the saturation by 10% instead.

■ 797D96

■ 797D96

FFFFFF

■ 60647C

■ AEB2CC

■ 484C63

■ C9CDE8

■ 31364B

■ E5E9FF

■ 1B2035

■ 04091F

■ 000004

■ 000000

■ 797D96

■ 797D96

■ 6A7096

■ 888A96

■ 5B6396

■ 979796

■ 4C5696

■ A6A496

■ 3D4996

■ B5B196

■ 2E3C96

■ C4BE96

■ 1F2F96

■ D3CB96

■ 102296

■ E2D896

■ 011696

■ F1E496

■ 001596

■ FFF196

Harmonies

Analogous

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



698196



797D96



897990

Triad

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



797D96



96786D



658578

Complementary

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



797D96



969279

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.



73836D



797D96



8D7B66

Square

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



797D96



987678



818066



5D8585

Rectangle

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



797D96



917789



818066



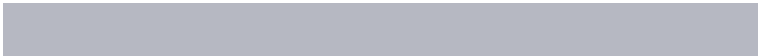
698574

Sweetspot

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



797D96



B6B8C2



799692



5A5B61



E0E0E0



616161

Same Dimension

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



797D96



959BC2



837996



43444A



00138A



00010A

Inverse Universe

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



96797D



C2959B



8C9679



4A4344



8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 797D96 looks on a white background.

Color Contrast Check

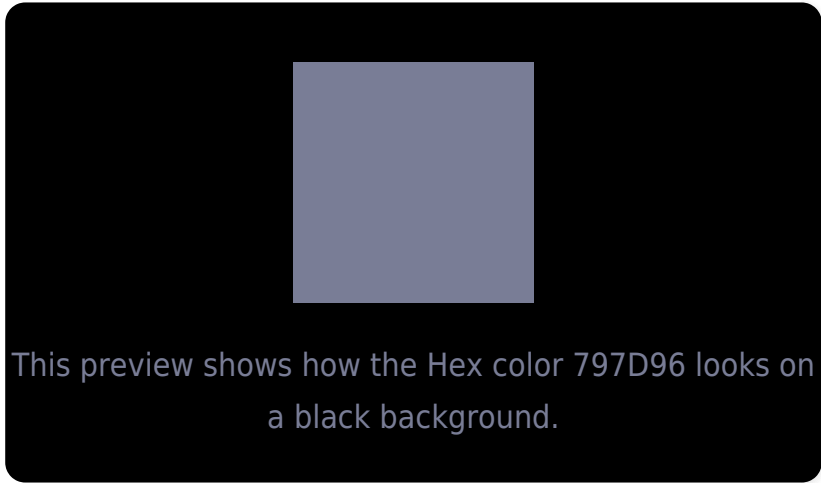
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

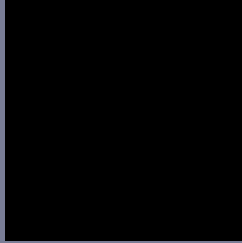
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

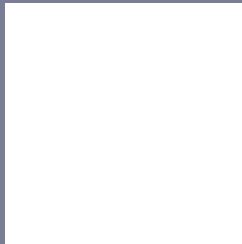
Any Text WCAG AAA × Fail

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

Hex 797D96 Background



This preview shows how black text looks on a background with the Hex color 797D96.



This preview shows how white text looks on a background with the Hex color 797D96.

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



Original Color
797D96

Protanopia
797D96

Deuteranopia
7E7B96



Tritanopia
777F89

Trichromacy



Original Color
797D96

Protanomaly
797D96

Deuteranomaly
7C7C96

Tritanomaly
787E8E

Monochromacy



Original Color
797D96

Achromatopsia
7F7F7F

Achromatomaly
7D7E87

CSS Examples

Text

The CSS property to change the color of the text to Hex 797D96 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 #797D96 looks like.

```
.text, #text, p{  
    color:#797D96  
}
```

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 #797D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797D96
}
```

Border

The CSS property to change the border of an element to Hex 797D96 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
#797D96 }
```

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

```
.border{ border-color:#797D96 }
```

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

Here you see how a box with a 4 pixel #797D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797D96; -webkit-box-shadow:4px 4px  
4px 4px #797D96; box-shadow:4px 4px 4px  
4px #797D96 }
```

Background

The CSS property to change the background color of an element to Hex 797D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797D96 }
```

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

```
.background{ background-color:#797D96 }
```

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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