

Converting Colors

Hex(297D90)

Have a look what the booklet for
Hex(297D90) contains.

Hex(297D90)	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(297D90)

Conversions

Conversions Part 1

Format	Color
Hex	297D90
RGB	41, 125, 144
RGB Percent	16%, 49%, 56%
CMY	0.8392, 0.5098, 0.4353
CMYK	0.72, 0.13, 0.00, 0.44
HSL	191°, 56%, 36%
HSV	191°, 72%, 56%
XYZ	13.2821, 17.1523, 28.9962
YIQ	102.0500, -56.1630, -11.8990

Conversions

Conversions Part 2

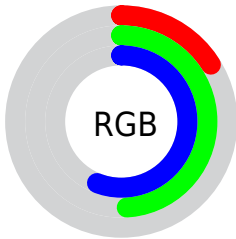
Format	Color
RYB	41, 87, 144
Decimal	2719120
CIELab	48.45, -18.34, -17.55
CIElCh	48, 25.386, 223.738
Yxy	17.1523, 0.2235, 0.2886
Android (android.graphics.Color)	4280909200 (0xFF297D90)
YUV	102.0500, 20.6814, -53.5408
Hunter-Lab	41.4153, -15.2308, -12.5202




Details

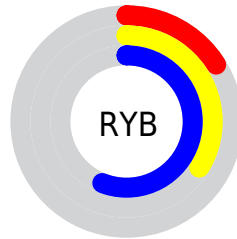
The Hex color **297D90** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **903C29**, and the grayscale version is **666666**.




A 20% lighter version of the original color is **65B2C6**, and **004C5E** is the 20% darker color. If you saturate the color by 10%, you get **1B7A90**, and if you desaturate by 10%, it is **378090**.

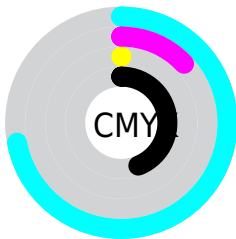
Distribution







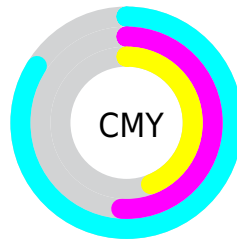
-  Red (16%)
-  Green (49%)
-  Blue (56%)






-  Red (16%)
-  Yellow (34%)
-  Blue (56%)



-  Cyan (72%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (84%)
-  Magenta (51%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297D90 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 297D90 by changing the saturation by 10% instead.

 297D90

 297D90

FFFFFF

 006476

 65B2C6

 004C5E

 81CDE2

 003546

 9DEAFF

 00202F

 BAFfff

 00011B

 D7FFFF

 000000

 F5FFFF

 297D90

 297D90

 1B7A90

 378090

0C7890

468290

007590

548590

638890

718A90

7F8D90

8E9090

9C9290

AB9590

Harmonies

Analogous

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



2E7F7C



297D90



43799C

Triad

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



297D90



966480



787549

Complementary

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



297D90



903C29

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.



8C6E4A



297D90



9D636A

Square

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



297D90



826A92



996756



607B53

Rectangle

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



297D90



5A749E



996756



7F7348

Sweetspot

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



297D90



93B3BA



29903C



475A5E



DEDEDE



5E5E5E

Same Dimension

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



297D90



1A9DBA



294A90



404647



006E87



000608

Inverse Universe

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



90297D



BA1A9D



906F29



474046



87006E



080006

Previews

White Background



This preview shows how the Hex color 297D90 looks on a white background.

Color Contrast Check

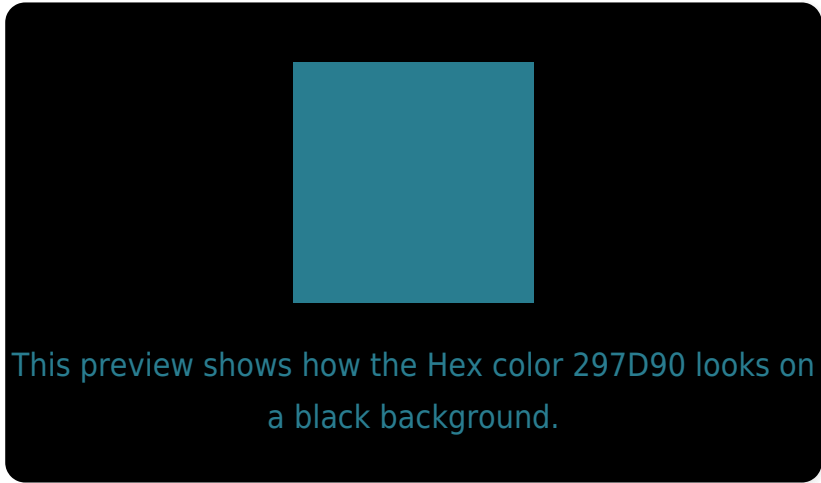
Large Text (above 18pt) WCAG AA ✓ Pass

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

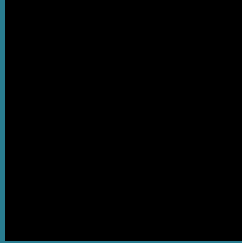
Any Text WCAG AA × Fail

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 297D90 Background



This preview shows how black text looks on a background with the Hex color 297D90.

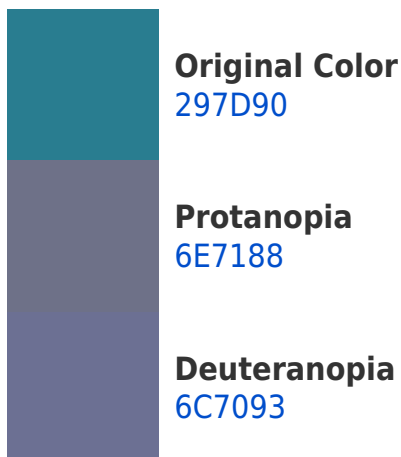


This preview shows how white text looks on a background with the Hex color 297D90.

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
247E89

Trichromacy



Original Color
297D90

Protanomaly
55758B

Deuteranomaly
547592

Tritanomaly
267E8C

Monochromacy



Original Color
297D90

Achromatopsia
666666

Achromatomaly
506E75

CSS Examples

Text

The CSS property to change the color of the text to Hex 297D90 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 #297D90 looks like.

```
.text, #text, p{  
    color:#297D90  
}
```

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 #297D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297D90
}
```

Border

The CSS property to change the border of an element to Hex 297D90 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
#297D90 }
```

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

```
.border{ border-color:#297D90 }
```

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

Here you see how a box with a 4 pixel #297D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297D90; -webkit-box-shadow:4px 4px  
4px 4px #297D90; box-shadow:4px 4px 4px  
4px #297D90 }
```

Background

The CSS property to change the background color of an element to Hex 297D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297D90 }
```

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

```
.background{ background-color:#297D90 }
```

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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