

Converting Colors

Hex(256990)

Have a look what the booklet for
Hex(256990) contains.

Hex(256990)	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(256990)

Conversions

Conversions Part 1

Format	Color
Hex	256990
RGB	37, 105, 144
RGB Percent	15%, 41%, 56%
CMY	0.8549, 0.5882, 0.4353
CMYK	0.74, 0.27, 0.00, 0.44
HSL	202°, 59%, 35%
HSV	202°, 74%, 56%
XYZ	10.8486, 12.5101, 28.2285
YIQ	89.1140, -53.0470, -2.2870

Conversions

Conversions Part 2

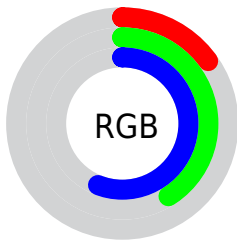
Format	Color
RYB	37, 79, 144
Decimal	2451856
CIELab	42.02, -7.53, -27.50
CIELCh	42, 28.513, 254.691
Yxy	12.5101, 0.2103, 0.2425
Android (android.graphics.Color)	4280641936 (0xFF256990)
YUV	89.1140, 27.0588, -45.7040
Hunter-Lab	35.3696, -7.1472, -22.5606

Details

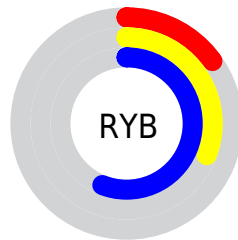
The Hex color **256990** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **904C25**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **619CC6**, and **003A5D** is the 20% darker color. If you saturate the color by 10%, you get **176490**, and if you desaturate by 10%, it is **336E90**.

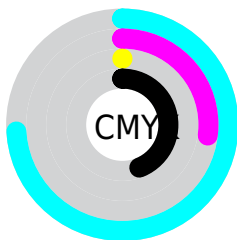
Distribution



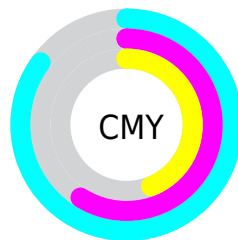
- Red (15%)
- Green (41%)
- Blue (56%)



- Red (15%)
- Yellow (31%)
- Blue (56%)



- Cyan (74%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256990 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 256990 by changing the saturation by 10% instead.

 256990

 256990

FFFFFF

 005176

 619CC6

 003A5D

 7DB7E2

 002546

 99D3FF

 00102F

 B5EFFF

 00011A


 D2FFFF

 000000

 F0FFFF

 256990

 256990

 176490

 336E90

085F90

427390

005C90

507990

5F7E90

6D8390

7B8890

8A8E90

989390

A79890

Harmonies

Analogous

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



006E83



256990



536290

Triad

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



256990



905158



4C6B41

Complementary

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



256990



904C25

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.



676535



256990



8B5643

Square

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



256990



895270



7C5E36



2C6F56

Rectangle

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



256990



6A5C8A



7C5E36



566A3C

Sweetspot

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



256990



91ABBA



25904A



46555E



DEDEDE



5E5E5E

Same Dimension

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



256990



147EBA



253590



404547



005687



000508

Inverse Universe

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



902569



BA147E



908025



474045



870056



080005

Previews

White Background



This preview shows how the Hex color 256990 looks on a white background.

Color Contrast Check

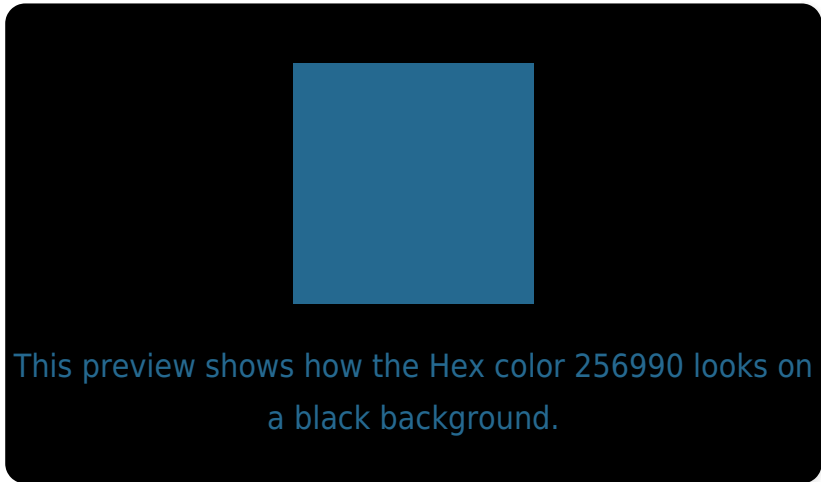
Large Text (above 18pt) WCAG AA ✓ Pass

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

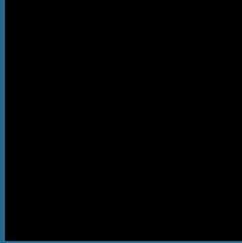
Any Text WCAG AA × Fail

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 256990 Background



This preview shows how black text looks on a background with the Hex color 256990.

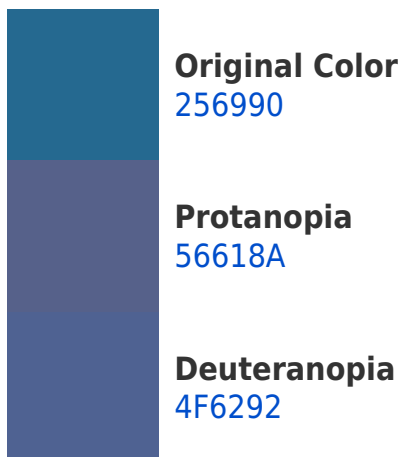


This preview shows how white text looks on a background with the Hex color 256990.

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](#).

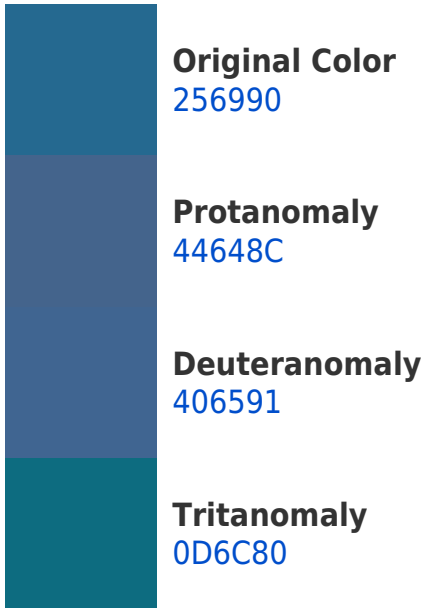
Dichromacy



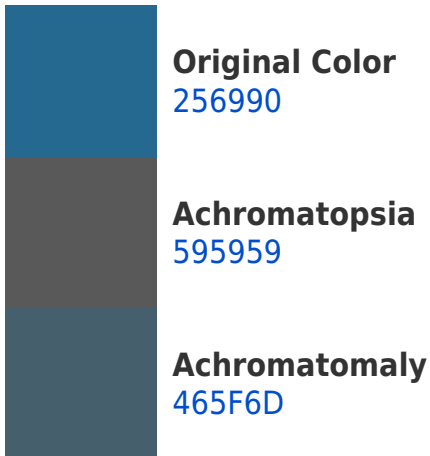


Tritanopia
006E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 256990 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 #256990 looks like.

```
.text, #text, p{  
    color:#256990  
}
```

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 #256990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256990
}
```

Border

The CSS property to change the border of an element to Hex 256990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

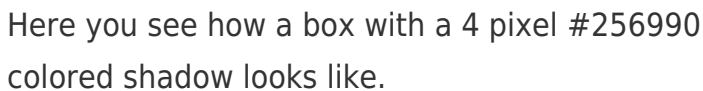
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#256990 }
```

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

```
.border{ border-color:#256990 }
```

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



Here you see how a box with a 4 pixel #256990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256990; -webkit-box-shadow:4px 4px  
4px 4px #256990; box-shadow:4px 4px 4px  
4px #256990 }
```

Background

The CSS property to change the background color of an element to Hex 256990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256990 }
```

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

```
.background{ background-color:#256990 }
```

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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