

Converting Colors

Hex(5D4990)

Have a look what the booklet for
Hex(5D4990) contains.

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Color

Hex(5D4990)

Conversions

Conversions Part 1

Format	Color
Hex	5D4990
RGB	93, 73, 144
RGB Percent	36%, 29%, 56%
CMY	0.6353, 0.7137, 0.4353
CMYK	0.35, 0.49, 0.00, 0.44
HSL	257°, 33%, 43%
HSV	257°, 49%, 56%
XYZ	11.9308, 9.1059, 27.5143
YIQ	87.0740, -10.8710, 26.3210

Conversions

Conversions Part 2

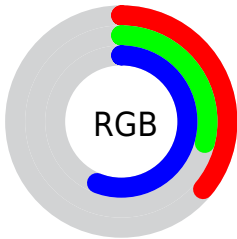
Format	Color
R_{YB}	93, 73, 144
Decimal	6113680
CIE Lab	36.19, 25.40, -36.47
CIE LCh	36, 44.442, 304.864
Yxy	9.1059, 0.2457, 0.1876
Android (android.graphics.Color)	4284303760 (0xFF5D4990)
YUV	87.0740, 28.0645, 5.1971
Hunter-Lab	30.1759, 17.7665, -32.9374

Details

The Hex color **5D4990** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C9049**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **927AC6**, and **2A1C5D** is the 20% darker color. If you saturate the color by 10%, you get **533B90**, and if you desaturate by 10%, it is **675790**.

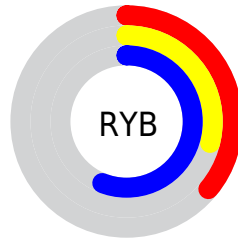
Distribution



Red (36%)

Green (29%)

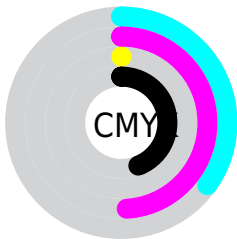
Blue (56%)



Red (36%)

Yellow (29%)

Blue (56%)

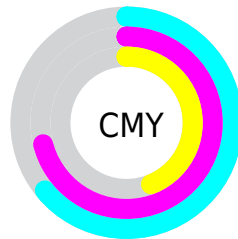


Cyan (35%)

Magenta (49%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (71%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4990 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 5D4990 by changing the saturation by 10% instead.

■ 5D4990

■ 5D4990

FFFFFF

■ 443276

■ 927AC6

■ 2A1C5D

■ AD94E2

■ 0F0745

■ C9AFFF

■ 00002E

■ E6CAFF

■ 000118

■ FFE6FF

■ 000000

■ 5D4990

■ 5D4990

■ 533B90

■ 675790

■ 482C90

■ 726690

■ 3E1E90

■ 7C7490

■ 340F90

■ 868390

■ 290190

■ 919190

■ 290090

■ 9B9F90

■ A5AE90

■ B0BC90

■ BACB90

Harmonies

Analogous

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



00579C



5D4990



843974

Triad

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



5D4990



7E4810



00665A

Complementary

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



5D4990



7C9049

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.



006435



5D4990



615500

Square

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



5D4990



91392E



3C5E14



00657D

Rectangle

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



5D4990



91325D



3C5E14



00654E

Sweetspot

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



5D4990



A69EBA



497D90



524D5E



DEDEDE



5E5E5E

Same Dimension

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



5D4990



6B4CBA



7F4990



424047



260087



020008

Inverse Universe

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



90497C



BA4C9B



5A9049



474045



870061



080005

Previews

White Background



This preview shows how the Hex color 5D4990 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

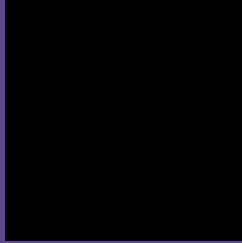
Any Text WCAG AA × Fail

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 5D4990 Background



This preview shows how black text looks on a background with the Hex color 5D4990.



This preview shows how white text looks on a background with the Hex color 5D4990.

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](#).

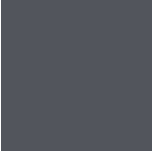
Dichromacy



Original Color
5D4990

Protanopia
33539A

Deuteranopia
31568D



Tritanopia
52555C

Trichromacy



Original Color
5D4990

Protanomaly
424F96

Deuteranomaly
41518E

Tritanomaly
56516F

Monochromacy



Original Color
5D4990

Achromatopsia
575757

Achromatomaly
59526C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4990 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 #5D4990 looks like.

```
.text, #text, p{  
    color:#5D4990  
}
```

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 #5D4990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4990
}
```

Border

The CSS property to change the border of an element to Hex 5D4990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

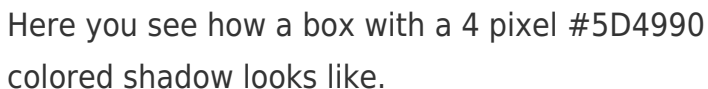
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4990 }
```

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

```
.border{ border-color:#5D4990 }
```

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



Here you see how a box with a 4 pixel #5D4990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4990; -webkit-box-shadow:4px 4px  
4px 4px #5D4990; box-shadow:4px 4px 4px  
4px #5D4990 }
```

Background

The CSS property to change the background color of an element to Hex 5D4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4990 }
```

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

```
.background{ background-color:#5D4990 }
```

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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