

Converting Colors

Hex(576290)

Have a look what the booklet for
Hex(576290) contains.

Hex(576290)	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(576290)

Conversions

Conversions Part 1

Format	Color
Hex	576290
RGB	87, 98, 144
RGB Percent	34%, 38%, 56%
CMY	0.6588, 0.6157, 0.4353
CMYK	0.40, 0.32, 0.00, 0.44
HSL	228°, 25%, 45%
HSV	228°, 40%, 56%
XYZ	13.3322, 12.7752, 28.1487
YIQ	99.9550, -21.3220, 11.9740

Conversions

Conversions Part 2

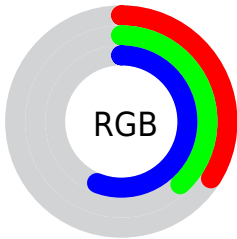
Format	Color
RYB	87, 96, 144
Decimal	5726864
CIELab	42.42, 7.97, -26.68
CIElCh	42, 27.844, 286.632
Yxy	12.7752, 0.2457, 0.2355
Android (android.graphics.Color)	4283916944 (0xFF576290)
YUV	99.9550, 21.7142, -11.3615
Hunter-Lab	35.7424, 4.0326, -21.6738

Details

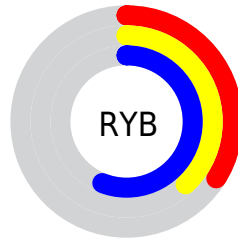
The Hex color **576290** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **908557**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8B95C6**, and **25345D** is the 20% darker color. If you saturate the color by 10%, you get **495690**, and if you desaturate by 10%, it is **656E90**.

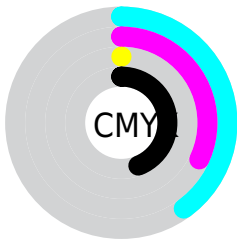
Distribution



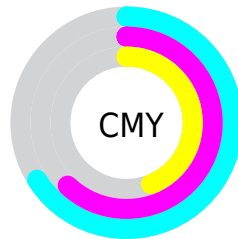
- Red (34%)
- Green (38%)
- Blue (56%)



- Red (34%)
- Yellow (38%)
- Blue (56%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576290 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 576290 by changing the saturation by 10% instead.

■ 576290

■ 576290

FFFFFF

■ 3E4A76

■ 8B95C6

■ 25345D

■ A6AFE2

■ 091F45

■ C2CAFF

■ 00062F

■ DEE7FF

■ 00011A

■ FBFFFF

■ 000000

■ 576290

■ 576290

■ 495690

■ 656E90

■ 3A4B90

■ 747990

■ 2C3F90

■ 828590

■ 1D3490

■ 919090

■ 0F2890

■ 9F9C90

■ 011C90

■ ADA890

■ 001C90

■ BCB390

■ CABF90

■ D9CB90

Harmonies

Analogous

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



2D6990



576290



775984

Triad

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



576290



8B5744



2D7059

Complementary

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



576290



908557

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.



4C6C44



576290



7C5F37

Square

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



576290



915258



666737



007070

Rectangle

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



576290



855577



666737



386F51

Sweetspot

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



576290



A4A8BA



579085



51545E



DEDEDE



5E5E5E

Same Dimension

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



576290



6172BA



685790



404247



001A87



000108

Inverse Universe

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



905762



BA6172



7F9057



474042



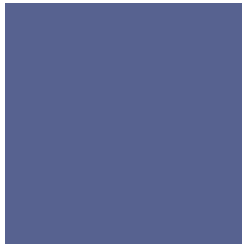
87001A



080001

Previews

White Background



This preview shows how the Hex color 576290 looks on a white background.

Color Contrast Check

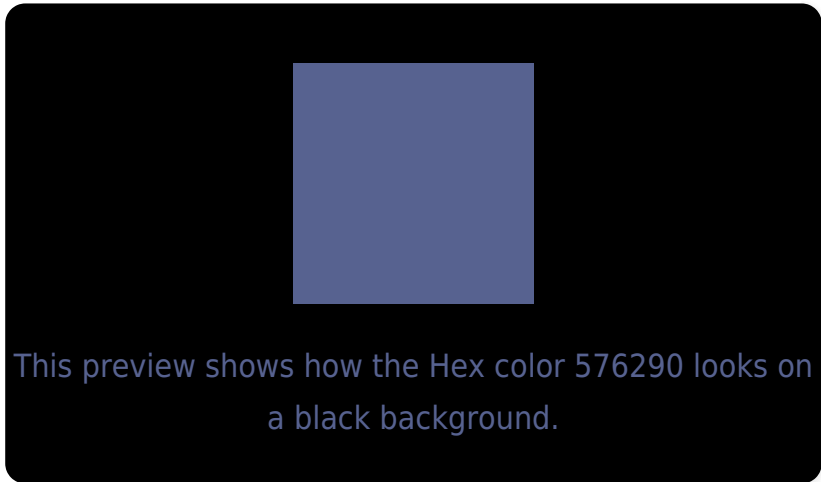
Large Text (above 18pt) WCAG AA ✓ Pass

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

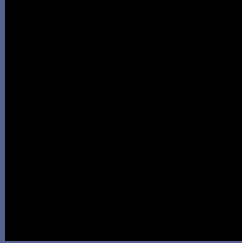
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

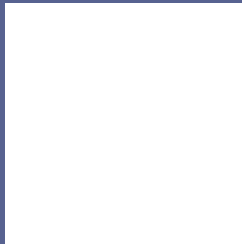
Any Text WCAG AAA × Fail

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

Hex 576290 Background



This preview shows how black text looks on a background with the Hex color 576290.



This preview shows how white text looks on a background with the Hex color 576290.

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
576290

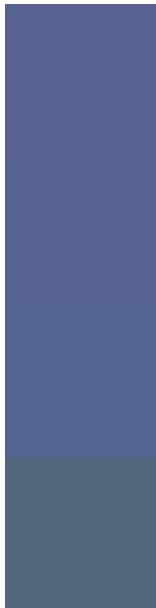
Protanopia
556290

Deuteranopia
536390



Tritanopia
4F6871

Trichromacy



Original Color
576290

Protanomaly
566290

Deuteranomaly
546390

Tritanomaly
52667C

Monochromacy



Original Color
576290

Achromatopsia
646464

Achromatomaly
5F6374

CSS Examples

Text

The CSS property to change the color of the text to Hex 576290 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 #576290 looks like.

```
.text, #text, p{  
    color:#576290  
}
```

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 #576290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576290
}
```

Border

The CSS property to change the border of an element to Hex 576290 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".

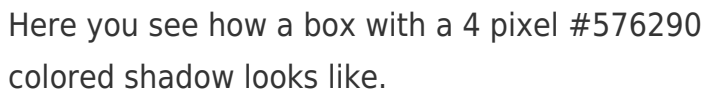
```
.border, #border, table{ border:4px solid
#576290 }
```

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

```
.border{ border-color:#576290 }
```

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

Here you see how a box with a 4 pixel #576290 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576290; -webkit-box-shadow:4px 4px  
4px 4px #576290; box-shadow:4px 4px 4px  
4px #576290 }
```

Background

The CSS property to change the background color of an element to Hex 576290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576290 }
```

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

```
.background{ background-color:#576290 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor