

Converting Colors

Hex(573EB3)

Have a look what the booklet for
Hex(573EB3) contains.

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Color

Hex(573EB3)

Conversions

Conversions Part 1

Format	Color
Hex	573EB3
RGB	87, 62, 179
RGB Percent	34%, 24%, 70%
CMY	0.6588, 0.7569, 0.2980
CMYK	0.51, 0.65, 0.00, 0.30
HSL	253°, 49%, 47%
HSV	253°, 65%, 70%
XYZ	13.7898, 8.7262, 43.6053
YIQ	82.8130, -22.6570, 41.6870

Conversions

Conversions Part 2

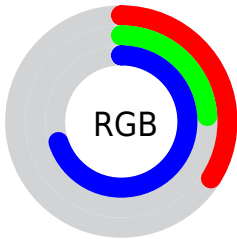
Format	Color
R_{YB}	87, 62, 179
Decimal	5717683
CIE _{Lab}	35.45, 40.96, -58.71
CIE _{LCh}	35, 71.584, 304.899
Yxy	8.7262, 0.2086, 0.1320
Android (android.graphics.Color)	4283907763 (0xFF573EB3)
YUV	82.8130, 47.4202, 3.6720
Hunter-Lab	29.5401, 31.6316, -66.8424

Details

The Hex color **573EB3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9AB33E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **906FEC**, and **14107D** is the 20% darker color. If you saturate the color by 10%, you get **492CB3**, and if you desaturate by 10%, it is **6550B3**.

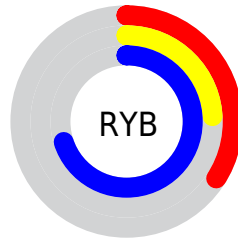
Distribution



Red (34%)

Green (24%)

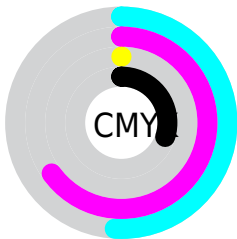
Blue (70%)



Red (34%)

Yellow (24%)

Blue (70%)

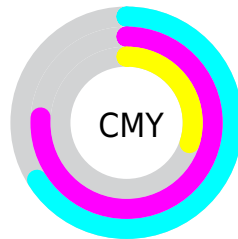


Cyan (51%)

Magenta (65%)

Yellow (0%)

Black (30%)



Cyan (66%)

Magenta (76%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 573EB3 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 573EB3 by changing the saturation by 10% instead.

■ 573EB3

■ 573EB3

FFFFFF

■ 392798

■ 906FEC

■ 14107D

■ AD89FF

■ 000063

■ CAA4FF

■ 00004B

■ E7BFFF

■ 000433

■ FFDBFF

■ 00021D

■ FFF8FF

■ 000000

■ 573EB3

■ 573EB3

■ 492CB3

■ 6550B3

■ 3B1AB3

■ 7362B3

■ 2D08B3

■ 8174B3

■ 2600B3

■ 8F86B3

■ 9D98B3

■ ABA9B3

■ BABBB3

■ C8CDB3

■ D6DFB3

Harmonies

Analogous

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



0059C8



573EB3



9C0085

Triad

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



573EB3



8C3C00



006A5C

Complementary

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



573EB3



9AB33E

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.



00671D



573EB3



5E5500

Square

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



573EB3



AA0614



1B6100



006A94

Rectangle

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



573EB3



AF0060



1B6100



006948

Sweetspot

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



573EB3



C4BAE8



3E9CB3



5F5975



F5F5F5



757575

Same Dimension

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



573EB3



5A33E8



903EB3



525059



210099



05001A

Inverse Universe

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



B33E9A



E833C1



61B33E



595057



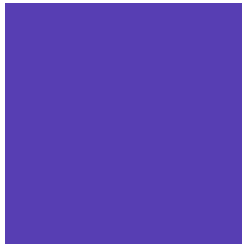
990078



1A0014

Previews

White Background



This preview shows how the Hex color 573EB3 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

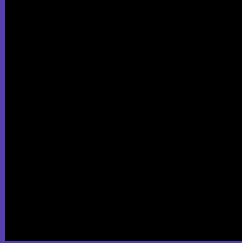
Any Text WCAG AA × Fail

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 573EB3 Background



This preview shows how black text looks on a background with the Hex color 573EB3.



This preview shows how white text looks on a background with the Hex color 573EB3.

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
573EB3

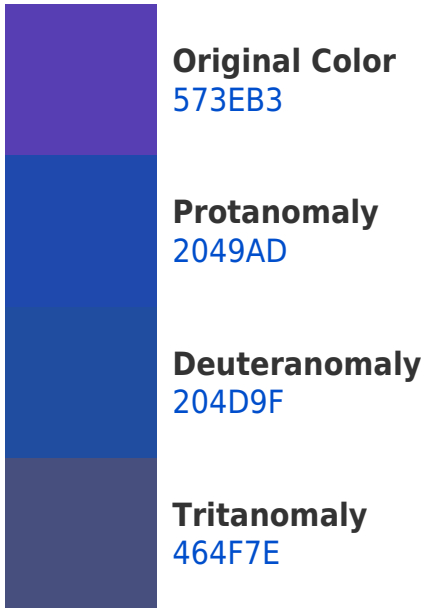
Protanopia
0050AA

Deuteranopia
005593



Tritanopia
3D585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 573EB3 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 #573EB3 looks like.

```
.text, #text, p{  
    color:#573EB3  
}
```

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 #573EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573EB3
}
```

Border

The CSS property to change the border of an element to Hex 573EB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

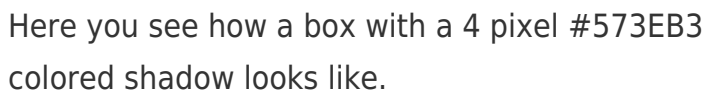
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#573EB3 }
```

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

```
.border{ border-color:#573EB3 }
```

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



Here you see how a box with a 4 pixel #573EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573EB3; -webkit-box-shadow:4px 4px  
4px 4px #573EB3; box-shadow:4px 4px 4px  
4px #573EB3 }
```

Background

The CSS property to change the background color of an element to Hex 573EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573EB3 }
```

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

```
.background{ background-color:#573EB3 }
```

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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