

Converting Colors

Hex(51357D)

Have a look what the booklet for
Hex(51357D) contains.

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Color

Hex(51357D)

Conversions

Conversions Part 1

Format	Color
Hex	51357D
RGB	81, 53, 125
RGB Percent	32%, 21%, 49%
CMY	0.6824, 0.7922, 0.5098
CMYK	0.35, 0.58, 0.00, 0.51
HSL	263°, 40%, 35%
HSV	263°, 58%, 49%
XYZ	8.3681, 5.7762, 20.0759
YIQ	69.5800, -6.4240, 28.3280

Conversions

Conversions Part 2

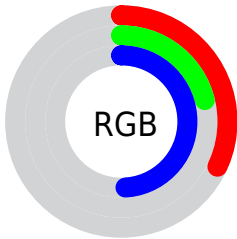
Format	Color
R_{YB}	81, 53, 125
Decimal	5322109
CIE _{Lab}	28.84, 29.15, -36.52
CIE _{LCh}	29, 46.731, 308.600
Yxy	5.7762, 0.2445, 0.1688
Android (android.graphics.Color)	4283512189 (0xFF51357D)
YUV	69.5800, 27.3221, 10.0153
Hunter-Lab	24.0337, 20.0914, -32.7026

Details

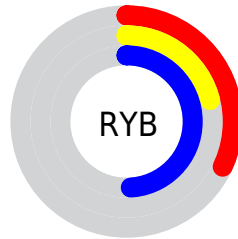
The Hex color **51357D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **617D35**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8565B2**, and **1E094B** is the 20% darker color. If you saturate the color by 10%, you get **49287D**, and if you desaturate by 10%, it is **59417D**.

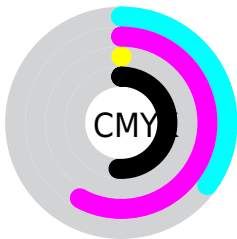
Distribution



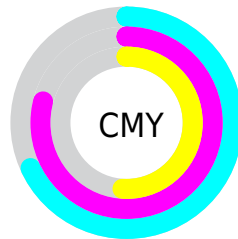
- Red (32%)
- Green (21%)
- Blue (49%)



- Red (32%)
- Yellow (21%)
- Blue (49%)



- Cyan (35%)
- Magenta (58%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (79%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51357D 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 51357D by changing the saturation by 10% instead.

■ 51357D

■ 51357D

FFFFFF

■ 381F64

■ 8565B2

■ 1E094B

■ A07ECE

■ 090034

■ BC98EA

■ 00021E

■ D8B3FF

■ 000000

■ F5CFFF

■ FFEBFF

■ 51357D

■ 51357D

■ 49287D

■ 59417D

■ 421C7D

■ 604E7D

■ 3A0F7D

■ 685A7D

■ 32037D

■ 70677D

■ 31007D

■ 77737D

■ 7F807D

■ 868C7D

■ 8E997D

■ 96A57D

Harmonies

Analogous

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



00458C



51357D



76215F

Triad

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



51357D



683800



00544E

Complementary

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



51357D



617D35

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.



005228



51357D



4A4600

Square

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



51357D



7C2618



214E00



005370

Rectangle

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



51357D



811847



214E00



005441

Sweetspot

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



51357D



9287A3



35617D



484152



D1D1D1



525252

Same Dimension

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



51357D



5E33A3



75357D



3C3940



320080



000000

Inverse Universe

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



7D3561



A33377



3D7D35



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 51357D 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

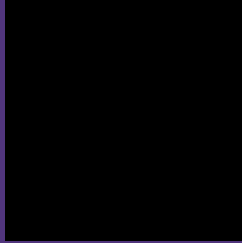
Any Text WCAG AA × Fail

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 51357D Background



This preview shows how black text looks on a background with the Hex color 51357D.

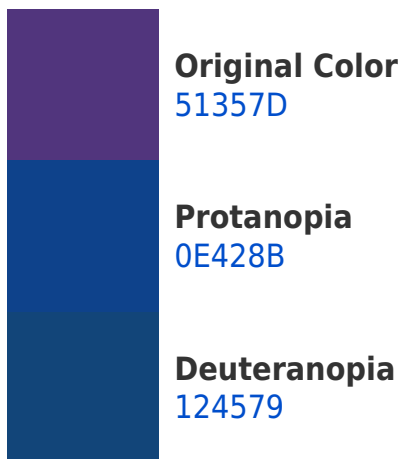



This preview shows how white text looks on a background with the Hex color 51357D.

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
464348

Trichromacy



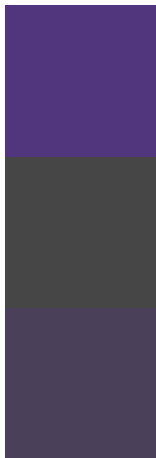
Original Color
51357D

Protanomaly
263D86

Deuteranomaly
293F7A

Tritanomaly
4A3E5B

Monochromacy



Original Color
51357D

Achromatopsia
464646

Achromatomaly
4A405A

CSS Examples

Text

The CSS property to change the color of the text to Hex 51357D 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 #51357D looks like.

```
.text, #text, p{  
    color:#51357D  
}
```

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 #51357D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51357D
}
```

Border

The CSS property to change the border of an element to Hex 51357D is called "border". The border property can be set on classes, ids or directly on the HTML element.

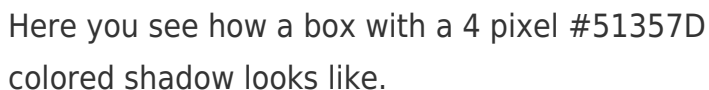
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51357D }
```

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

```
.border{ border-color:#51357D }
```

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



Here you see how a box with a 4 pixel #51357D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51357D; -webkit-box-shadow:4px 4px  
4px 4px #51357D; box-shadow:4px 4px 4px  
4px #51357D }
```

Background

The CSS property to change the background color of an element to Hex 51357D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51357D }
```

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

```
.background{ background-color:#51357D }
```

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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