

Converting Colors

Hex(5D3B73)

Have a look what the booklet for
Hex(5D3B73) contains.

Hex(5D3B73)	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(5D3B73)

Conversions

Conversions Part 1

Format	Color
Hex	5D3B73
RGB	93, 59, 115
RGB Percent	36%, 23%, 45%
CMY	0.6353, 0.7686, 0.5490
CMYK	0.19, 0.49, 0.00, 0.55
HSL	276°, 32%, 34%
HSV	276°, 49%, 45%
XYZ	9.1727, 6.6929, 17.0281
YIQ	75.5500, 2.2880, 24.6240

Conversions

Conversions Part 2

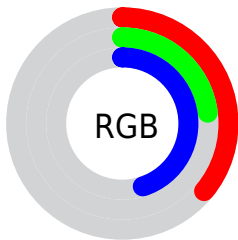
Format	Color
R_{YB}	93, 59, 115
Decimal	6110067
CIE _{Lab}	31.10, 26.34, -26.55
CIE _{LCh}	31, 37.400, 314.770
Yxy	6.6929, 0.2789, 0.2035
Android (android.graphics.Color)	4284300147 (0xFF5D3B73)
YUV	75.5500, 19.4489, 15.3037
Hunter-Lab	25.8706, 18.0153, -20.9153

Details

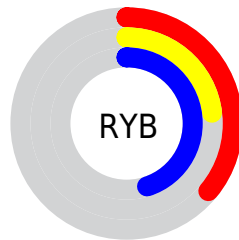
The Hex color **5D3B73** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **51733B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **916BA7**, and **2D0E42** is the 20% darker color. If you saturate the color by 10%, you get **583073**, and if you desaturate by 10%, it is **624773**.

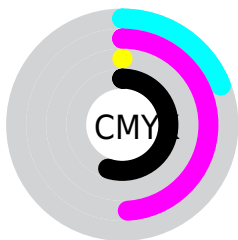
Distribution



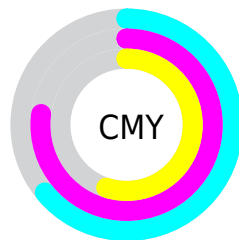
- Red (36%)
- Green (23%)
- Blue (45%)



- Red (36%)
- Yellow (23%)
- Blue (45%)



- Cyan (19%)
- Magenta (49%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3B73 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 5D3B73 by changing the saturation by 10% instead.

■ 5D3B73

■ 5D3B73

FFFFFF

■ 44245A

■ 916BA7

■ 2D0E42

■ AC85C3

■ 1B002C

■ C79FDF

■ 000116

■ E4BAFB

■ 000000

■ FFD6FF

■ FFF3FF

■ 5D3B73

■ 5D3B73

■ 583073

■ 624773

■ 542473

■ 665273

■ 4F1973

■ 6B5E73

■ 4B0D73

■ 6F6973

■ 460273

■ 747573

■ 460073

■ 788073

■ 7D8C73

■ 819773

■ 86A373

Harmonies

Analogous

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



2B4882



5D3B73



763059

Triad

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



5D3B73



64420C



005757

Complementary

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



5D3B73



51733B

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.



005639



5D3B73



4A4C08

Square

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



5D3B73



773621



29531D



005672

Rectangle

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



5D3B73



7D2D46



29531D



00574D

Sweetspot

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



5D3B73



8E8096



3B5173



473F4D



CCCCCC



4D4D4D

Same Dimension

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



5D3B73



743F96



733B6D



38353B



4A007A



9800FA

Inverse Universe

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



733B51



963F61



3B7341



3B3537



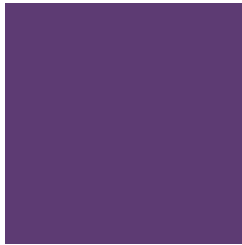
7A0030



FA0062

Previews

White Background



This preview shows how the Hex color 5D3B73 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

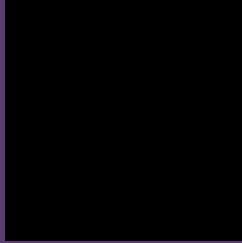
Any Text WCAG AA × Fail

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 5D3B73 Background



This preview shows how black text looks on a background with the Hex color 5D3B73.



This preview shows how white text looks on a background with the Hex color 5D3B73.

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](#).

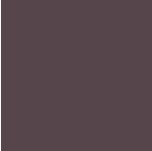
Dichromacy



Original Color
5D3B73

Protanopia
31487F

Deuteranopia
374970



Tritanopia
56454A

Trichromacy



Original Color
5D3B73

Protanomaly
41437B

Deuteranomaly
454471

Tritanomaly
594159

Monochromacy



Original Color
5D3B73

Achromatopsia
4C4C4C

Achromatomaly
52465A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3B73 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 #5D3B73 looks like.

```
.text, #text, p{  
    color:#5D3B73  
}
```

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 #5D3B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3B73
}
```

Border

The CSS property to change the border of an element to Hex 5D3B73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

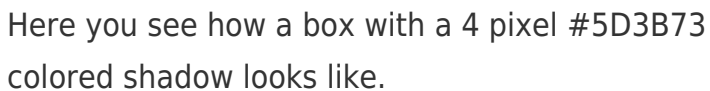
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3B73 }
```

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

```
.border{ border-color:#5D3B73 }
```

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



Here you see how a box with a 4 pixel #5D3B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3B73; -webkit-box-shadow:4px 4px  
4px 4px #5D3B73; box-shadow:4px 4px 4px  
4px #5D3B73 }
```

Background

The CSS property to change the background color of an element to Hex 5D3B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3B73 }
```

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

```
.background{ background-color:#5D3B73 }
```

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