

Converting Colors

Hex(5A3576)

Have a look what the booklet for
Hex(5A3576) contains.

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Color

Hex(5A3576)

Conversions

Conversions Part 1	
Format	Color
Hex	5A3576
RGB	90, 53, 118
RGB Percent	35%, 21%, 46%
CMY	0.6471, 0.7922, 0.5373
CMYK	0.24, 0.55, 0.00, 0.54
HSL	274°, 38%, 34%
HSV	274°, 55%, 46%
XYZ	8.7596, 6.0279, 17.8414
YIQ	71.4730, 1.1870, 28.0590

Conversions

Conversions Part 2

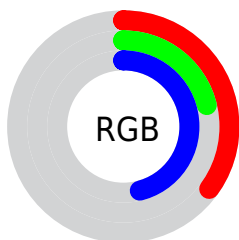
Format	Color
RYB	90, 53, 118
Decimal	5911926
CIELab	29.48, 29.80, -31.02
CIELCh	29, 43.020, 313.850
Yxy	6.0279, 0.2685, 0.1847
Android (android.graphics.Color)	4284102006 (0xFF5A3576)
YUV	71.4730, 22.9378, 16.2482
Hunter-Lab	24.5517, 20.7197, -25.8989

Details

The Hex color **5A3576** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **517635**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8E65AB**, and **290745** is the 20% darker color. If you saturate the color by 10%, you get **552976**, and if you desaturate by 10%, it is **5F4176**.

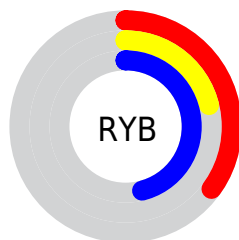
Distribution



Red (35%)

Green (21%)

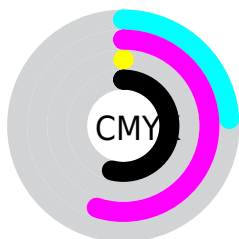
Blue (46%)



Red (35%)

Yellow (21%)

Blue (46%)

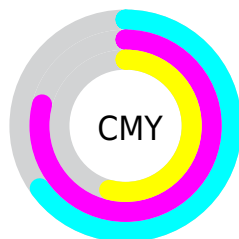


Cyan (24%)

Magenta (55%)

Yellow (0%)

Black (54%)



Cyan (65%)

Magenta (79%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3576 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 5A3576 by changing the saturation by 10% instead.

 5A3576

 5A3576

FFFFFF

 411E5D

 8E65AB

 290745

 A97FC6

 17002F

 C599E2

 000119

 E1B4FF

 000000

 FECFFF

 FFECFF

 5A3576

 5A3576

 552976

 5F4176

 501D76

 644D76

 4B1276

 695876

 460676

 6E6476

 430076

 737076

 787C76

 7E8876

 839376

 889F76

Harmonies

Analogous

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



124487



5A3576



782559

Triad

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



5A3576



633D00



005554

Complementary

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



5A3576



517635

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.



005332



5A3576



464900

Square

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



5A3576



782E18



1E500F



005373

Rectangle

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



5A3576



802143



1E500F



005449

Sweetspot

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



5A3576



8E7F99



355176



463D4D



CCCCCC



4D4D4D

Same Dimension

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



5A3576



6E3499



763572



38353B



46007A



8E00FA

Inverse Universe

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



763551



993460



357639



3B3537



7A0035



FA006C

Previews

White Background



This preview shows how the Hex color 5A3576 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



This preview shows how the Hex color 5A3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

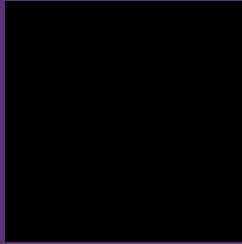
Any Text WCAG AA × Fail

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 5A3576 Background



This preview shows how black text looks on a background with the Hex color 5A3576.



This preview shows how white text looks on a background with the Hex color 5A3576.

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

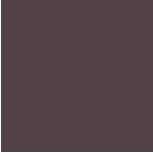
5A3576

Protanopia

224485

Deuteranopia

2A4673



Tritanopia
524146

Trichromacy



Original Color

5A3576



Protanomaly

363F80



Deuteranomaly

3B4074



Tritanomaly

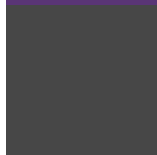
553D57

Monochromacy



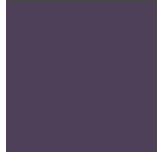
Original Color

5A3576



Achromatopsia

474747



Achromatomaly

4E4058

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3576 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 #5A3576 looks like.

```
.text, #text, p{  
    color:#5A3576  
}
```

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 #5A3576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3576
}
```

Border

The CSS property to change the border of an element to Hex 5A3576 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
#5A3576 }
```

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

```
.border{ border-color:#5A3576 }
```

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

Here you see how a box with a 4 pixel #5A3576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3576; -webkit-box-shadow:4px 4px  
4px 4px #5A3576; box-shadow:4px 4px 4px  
4px #5A3576 }
```

Background

The CSS property to change the background color of an element to Hex 5A3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3576 }
```

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

```
.background{ background-color:#5A3576 }
```

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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