

Converting Colors

Hex(5C3175)

Have a look what the booklet for
Hex(5C3175) contains.

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Color

Hex(5C3175)

Conversions

Conversions Part 1

Format	Color
Hex	5C3175
RGB	92, 49, 117
RGB Percent	36%, 19%, 46%
CMY	0.6392, 0.8078, 0.5412
CMYK	0.21, 0.58, 0.00, 0.54
HSL	278°, 41%, 33%
HSV	278°, 58%, 46%
XYZ	8.7228, 5.7563, 17.4810
YIQ	69.6090, 3.8000, 30.2640

Conversions

Conversions Part 2

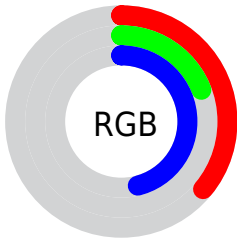
Format	Color
R_{YB}	92, 49, 117
Decimal	6041973
CIE _{Lab}	28.79, 32.48, -31.48
CIE _{LCh}	29, 45.228, 315.894
Yxy	5.7563, 0.2729, 0.1801
Android (android.graphics.Color)	4284232053 (0xFF5C3175)
YUV	69.6090, 23.3638, 19.6369
Hunter-Lab	23.9923, 22.9105, -26.4046

Details

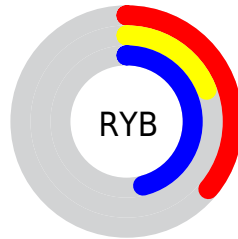
The Hex color **5C3175** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A7531**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **9061AA**, and **2B0244** is the 20% darker color. If you saturate the color by 10%, you get **582575**, and if you desaturate by 10%, it is **603D75**.

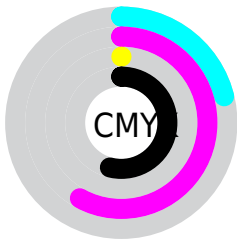
Distribution



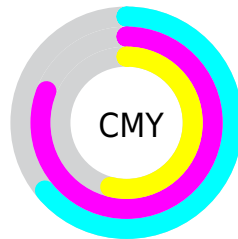
- Red (36%)
- Green (19%)
- Blue (46%)



- Red (36%)
- Yellow (19%)
- Blue (46%)



- Cyan (21%)
- Magenta (58%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C3175 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 5C3175 by changing the saturation by 10% instead.

 5C3175

 5C3175

FFFFFF

 431A5C

 9061AA

 2B0244

 AB7BC5

 18002E

 C795E1

 000118

 E4B0FE

 000000

 FFCCFF

 FFE8FF

 5C3175

 5C3175

 582575

 603D75

■ 531A75

■ 654875

■ 4F0E75

■ 695475

■ 4B0275

■ 6D6075

■ 4A0075

■ 726C75

■ 767775

■ 7A8375

■ 7E8F75

■ 839A75

Harmonies

Analogous

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



114288



5C3175



791F56

Triad

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



5C3175



613C00



005356

Complementary

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



5C3175



4A7531

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.



005232



5C3175



424800

Square

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



5C3175



772C12



144F0C



005276

Rectangle

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



5C3175



811B3F



144F0C



00534A

Sweetspot

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



5C3175



8F7F99



314B75



473D4D



CCCCCC



4D4D4D

Same Dimension

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



5C3175



722E99



75316D



38353B



4D007A



9E00FA

Inverse Universe

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



75314A



992E55



317539



3B3537



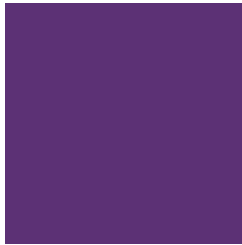
7A002D



FA005C

Previews

White Background



This preview shows how the Hex color 5C3175 looks on a white background.

Color Contrast Check

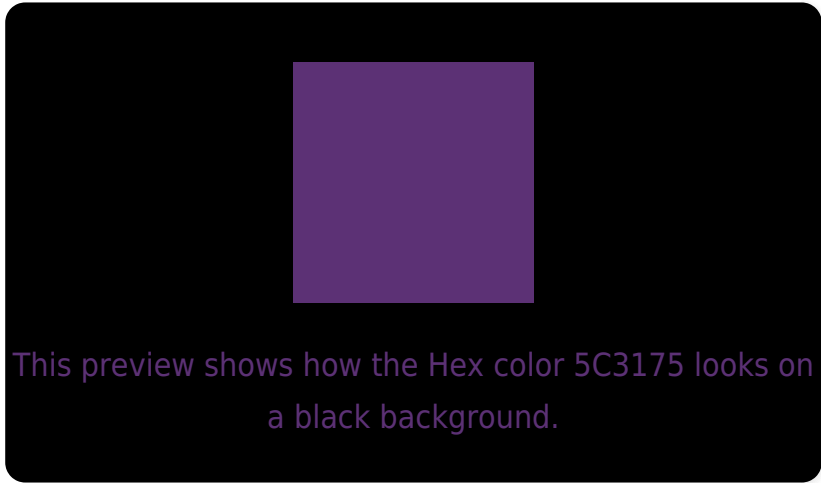
Large Text (above 18pt) WCAG AA ✓ Pass

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

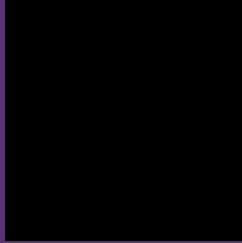
Any Text WCAG AA × Fail

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 5C3175 Background



This preview shows how black text looks on a background with the Hex color 5C3175.



This preview shows how white text looks on a background with the Hex color 5C3175.

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](#).

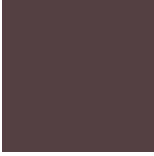
Dichromacy



Original Color
5C3175

Protanopia
1A4286

Deuteranopia
274571



Tritanopia
543F43

Trichromacy



Original Color
5C3175



Protanomaly
323C80



Deuteranomaly
3A3E72



Tritanomaly
573A55

Monochromacy



Original Color
5C3175



Achromatopsia
464646



Achromatomaly
4E3E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C3175 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 #5C3175 looks like.

```
.text, #text, p{  
    color:#5C3175  
}
```

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 #5C3175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3175
}
```

Border

The CSS property to change the border of an element to Hex 5C3175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

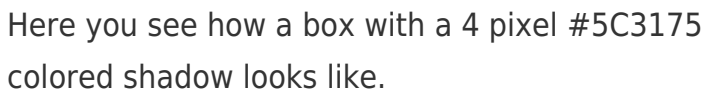
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C3175 }
```

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

```
.border{ border-color:#5C3175 }
```

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



Here you see how a box with a 4 pixel #5C3175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3175; -webkit-box-shadow:4px 4px  
4px 4px #5C3175; box-shadow:4px 4px 4px  
4px #5C3175 }
```

Background

The CSS property to change the background color of an element to Hex 5C3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3175 }
```

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

```
.background{ background-color:#5C3175 }
```

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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