

Converting Colors

Hex(5C135A)

Have a look what the booklet for
Hex(5C135A) contains.

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Color

Hex(5C135A)

Conversions

Conversions Part 1

Format	Color
Hex	5C135A
RGB	92, 19, 90
RGB Percent	36%, 7%, 35%
CMY	0.6392, 0.9255, 0.6471
CMYK	0.00, 0.79, 0.02, 0.64
HSL	302°, 66%, 22%
HSV	302°, 79%, 36%
XYZ	6.4920, 3.4792, 10.0023
YIQ	48.9210, 20.7170, 37.5570

Conversions

Conversions Part 2

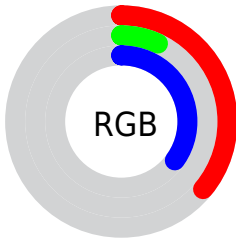
Format	Color
RYB	92, 19, 90
Decimal	6034266
CIELab	21.87, 41.16, -24.95
CIElCh	22, 48.128, 328.774
Yxy	3.4792, 0.3250, 0.1742
Android (android.graphics.Color)	4284224346 (0xFF5C135A)
YUV	48.9210, 20.2519, 37.7803
Hunter-Lab	18.6527, 29.4836, -18.7365

Details

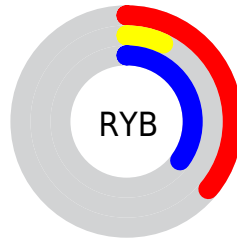
The Hex color **5C135A** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **135C15**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **91478C**, and **2D002C** is the 20% darker color. If you saturate the color by 10%, you get **5C0A5A**, and if you desaturate by 10%, it is **5C1C5A**.

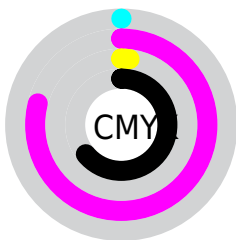
Distribution



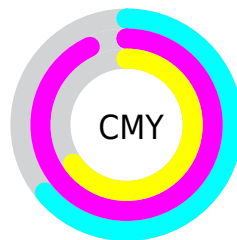
- Red (36%)
- Green (7%)
- Blue (35%)



- Red (36%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (79%)
- Yellow (2%)
- Black (64%)



- Cyan (64%)
- Magenta (93%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C135A 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 5C135A by changing the saturation by 10% instead.

 5C135A

 5C135A

FFFFFF

 430042

 91478C

 2D002C

 AC60A7

 030016

 C87AC2

 000000

 E595DE

 FFB0FB

 FFCCFF

 FFE9FF

 5C135A

 5C135A

■ 5C0A5A

■ 5C1C5A

■ 5C0159

■ 5C255B

■ 5C0059

■ 5C2F5B

■ 5C385B

■ 5C415B

■ 5C4A5C

■ 5C535C

■ 5C5D5C

■ 5C665C

Harmonies

Analogous

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



292B74



5C135A



6F0037

Triad

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



5C135A



433300



004356

Complementary

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



5C135A



135C15

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.



004332



5C135A



203C00

Square

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



5C135A



5E2200



00410A



004172

Rectangle

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



5C135A



700020



00410A



00434B

Sweetspot

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



5C135A



785B77



14135C



3D2B3D



BDBDBD



3D3D3D

Same Dimension

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



5C135A



780675



5C1336



2E292E



6E006B



ED00E7

Inverse Universe

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



5C135A



780675



135C39



2E292E



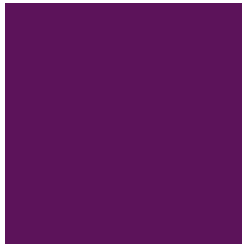
6E006B



ED00E7

Previews

White Background



This preview shows how the Hex color 5C135A looks on a white background.

Color Contrast Check

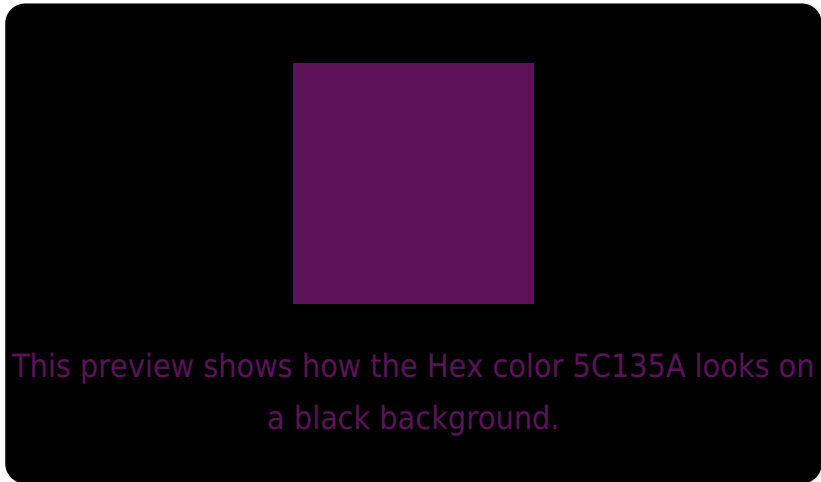
Large Text (above 18pt) WCAG AA ✓ Pass

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

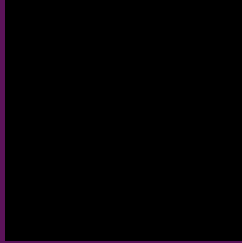
Any Text WCAG AA × Fail

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 5C135A Background



This preview shows how black text looks on a background with the Hex color 5C135A.



This preview shows how white text looks on a background with the Hex color 5C135A.

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
5C135A

Protanopia
00346F

Deuteranopia
263655

Trichromacy



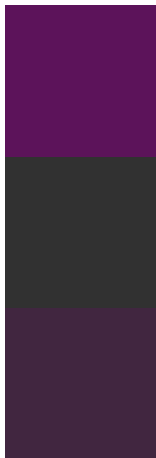
Original Color
5C135A

Protanomaly
212867

Deuteranomaly
3A2957

Tritanomaly
59203B

Monochromacy



Original Color
5C135A

Achromatopsia
313131

Achromatomaly
412640

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C135A 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 #5C135A looks like.

```
.text, #text, p{  
    color:#5C135A  
}
```

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 #5C135A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C135A
}
```

Border

The CSS property to change the border of an element to Hex 5C135A is called "border". The border property can be set on classes, ids or directly on the HTML element.

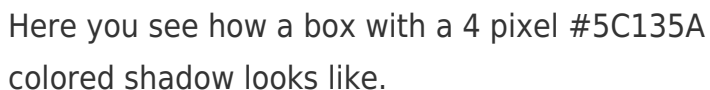
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C135A }
```

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

```
.border{ border-color:#5C135A }
```

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



Here you see how a box with a 4 pixel #5C135A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C135A; -webkit-box-shadow:4px 4px  
4px 4px #5C135A; box-shadow:4px 4px 4px  
4px #5C135A }
```

Background

The CSS property to change the background color of an element to Hex 5C135A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C135A }
```

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

```
.background{ background-color:#5C135A }
```

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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