

Converting Colors

Hex(5B1A74)

Have a look what the booklet for
Hex(5B1A74) contains.

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Color

Hex(5B1A74)

Conversions

Conversions Part 1

Format	Color
Hex	5B1A74
RGB	91, 26, 116
RGB Percent	36%, 10%, 45%
CMY	0.6431, 0.8980, 0.5451
CMYK	0.22, 0.78, 0.00, 0.55
HSL	283°, 63%, 28%
HSV	283°, 78%, 45%
XYZ	7.8362, 4.2239, 16.9253
YIQ	55.6950, 9.8500, 41.7700

Conversions

Conversions Part 2

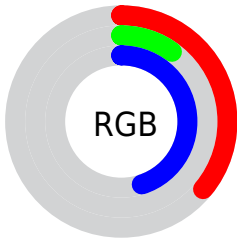
Format	Color
R_{YB}	91, 26, 116
Decimal	5970548
CIE _{Lab}	24.40, 43.49, -37.88
CIE _{LCh}	24, 57.674, 318.938
Yxy	4.2239, 0.2703, 0.1457
Android (android.graphics.Color)	4284160628 (0xFF5B1A74)
YUV	55.6950, 29.7304, 30.9625
Hunter-Lab	20.5521, 32.0928, -34.4406

Details

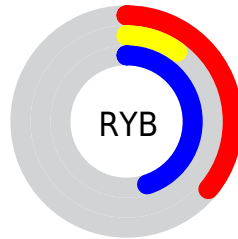
The Hex color **5B1A74** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **33741A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **904DA9**, and **290043** is the 20% darker color. If you saturate the color by 10%, you get **580E74**, and if you desaturate by 10%, it is **5E2674**.

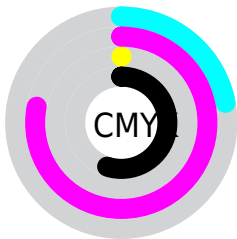
Distribution



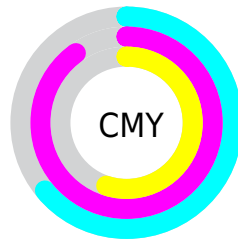
- Red (36%)
- Green (10%)
- Blue (45%)



- Red (36%)
- Yellow (10%)
- Blue (45%)



- Cyan (22%)
- Magenta (78%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (90%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1A74 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 5B1A74 by changing the saturation by 10% instead.



5B1A74



5B1A74

FFFFFF



41005B



904DA9



290043



AC67C4



0B002C



C881E0



000116



E59CFD



000000



FFB7FF



FFD3FF



FFF0FF



5B1A74



5B1A74

■ 580E74

■ 5E2674

■ 550374

■ 613174

■ 540074

■ 653D74

■ 684874

■ 6B5474

■ 6E6074

■ 726B74

■ 757774

■ 788274

Harmonies

Analogous

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



00368E



5B1A74



7C004C

Triad

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



5B1A74



553200



004B55

Complementary

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



5B1A74



33741A

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.



004A28



5B1A74



2E4000

Square

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



5B1A74



731800



004700



004A7C

Rectangle

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



5B1A74



82002F



004700



004B46

Sweetspot

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



5B1A74



8D7496



1A3474



47374D



CCCCCC



4D4D4D

Same Dimension

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



5B1A74



700B96



741A61



39353B



58007A



B400FA

Inverse Universe

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



741A33



960B31



1A742E



3B3536



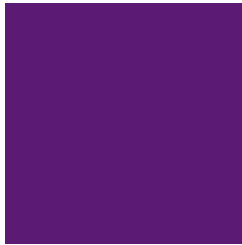
7A0022



FA0045

Previews

White Background



This preview shows how the Hex color 5B1A74 looks on a white background.

Color Contrast Check

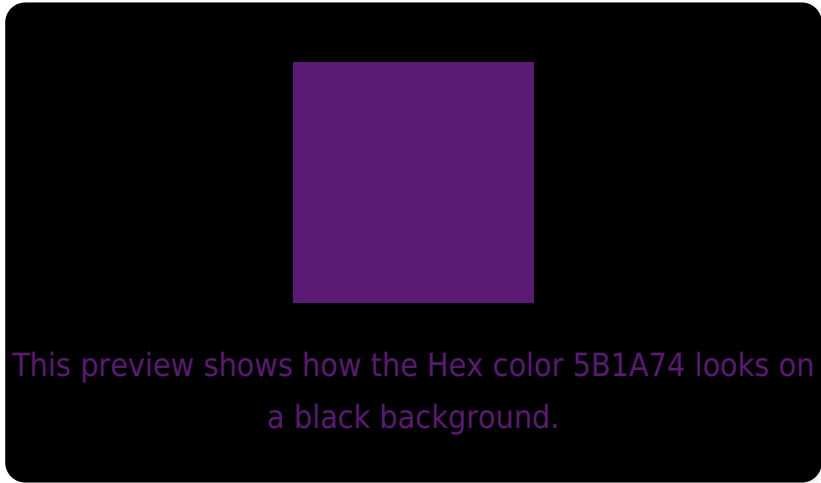
Large Text (above 18pt) WCAG AA ✓ Pass

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

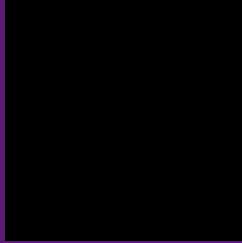
Any Text WCAG AA × Fail

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 5B1A74 Background



This preview shows how black text looks on a background with the Hex color 5B1A74.



This preview shows how white text looks on a background with the Hex color 5B1A74.

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
5B1A74

Protanopia
003979

Deuteranopia
003C6B



Tritanopia
523236

Trichromacy



Original Color
5B1A74

Protanomaly
212E77

Deuteranomaly
21306E

Tritanomaly
55294D

Monochromacy



Original Color
5B1A74

Achromatopsia
383838

Achromatomaly
452D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1A74 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 #5B1A74 looks like.

```
.text, #text, p{  
    color:#5B1A74  
}
```

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 #5B1A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1A74
}
```

Border

The CSS property to change the border of an element to Hex 5B1A74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

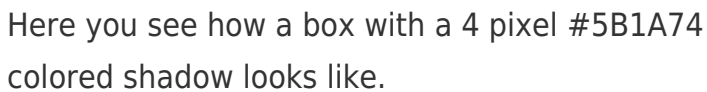
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B1A74 }
```

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

```
.border{ border-color:#5B1A74 }
```

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



Here you see how a box with a 4 pixel #5B1A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1A74; -webkit-box-shadow:4px 4px  
4px 4px #5B1A74; box-shadow:4px 4px 4px  
4px #5B1A74 }
```

Background

The CSS property to change the background color of an element to Hex 5B1A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1A74 }
```

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

```
.background{ background-color:#5B1A74 }
```

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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