

Converting Colors

Hex(5B4273)

Have a look what the booklet for
Hex(5B4273) contains.

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Color

Hex(5B4273)

Conversions

Conversions Part 1

Format	Color
Hex	5B4273
RGB	91, 66, 115
RGB Percent	36%, 26%, 45%
CMY	0.6431, 0.7412, 0.5490
CMYK	0.21, 0.43, 0.00, 0.55
HSL	271°, 27%, 35%
HSV	271°, 43%, 45%
XYZ	9.3571, 7.3584, 17.1468
YIQ	79.0610, -0.8290, 20.5390

Conversions

Conversions Part 2

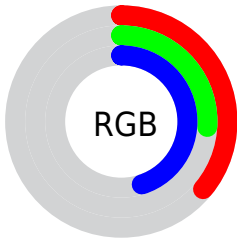
Format	Color
R_{YB}	91, 66, 115
Decimal	5980787
CIE _{Lab}	32.61, 21.35, -24.19
CIE _{LCh}	33, 32.267, 311.425
Yxy	7.3584, 0.2763, 0.2173
Android (android.graphics.Color)	4284170867 (0xFF5B4273)
YUV	79.0610, 17.7179, 10.4705
Hunter-Lab	27.1263, 14.1017, -18.4893

Details

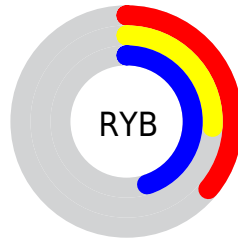
The Hex color **5B4273** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5A7342**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8E72A7**, and **2B1643** is the 20% darker color. If you saturate the color by 10%, you get **553773**, and if you desaturate by 10%, it is **614E73**.

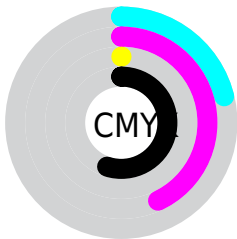
Distribution



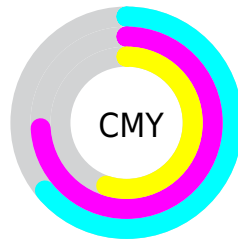
- Red (36%)
- Green (26%)
- Blue (45%)



- Red (36%)
- Yellow (26%)
- Blue (45%)



- Cyan (21%)
- Magenta (43%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (74%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4273 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 5B4273 by changing the saturation by 10% instead.

■ 5B4273

■ 5B4273

FFFFFF

■ 432B5A

■ 8E72A7

■ 2B1643

■ A98CC2

■ 18002C

■ C4A7DE

■ 000117

■ E1C2FB

■ 000000

■ FEDEFF

■ FFFAFF

■ 5B4273

■ 5B4273

■ 553773

■ 614E73

■ 502B73

■ 665973

■ 4A2073

■ 6C6573

■ 441473

■ 727073

■ 3F0973

■ 777C73

■ 3B0073

■ 7D8773

■ 829373

■ 889E73

■ 8EAA73

Harmonies

Analogous

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



314C7F



5B4273



73395D

Triad

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



5B4273



68461B



005956

Complementary

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



5B4273



5A7342

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.



04583C



5B4273



524E18

Square

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



5B4273



773C2C



365525



00586E

Rectangle

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



5B4273



7B364D



365525



00594D

Sweetspot

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



5B4273



8D8396



425B73



47404D



CCCCCC



4D4D4D

Same Dimension

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



5B4273



714A96



734273



38353B



3E007A



8000FA

Inverse Universe

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



73425A



964A6F



427342



3B3538



7A003C



FA007A

Previews

White Background



This preview shows how the Hex color 5B4273 looks on a white background.

Color Contrast Check

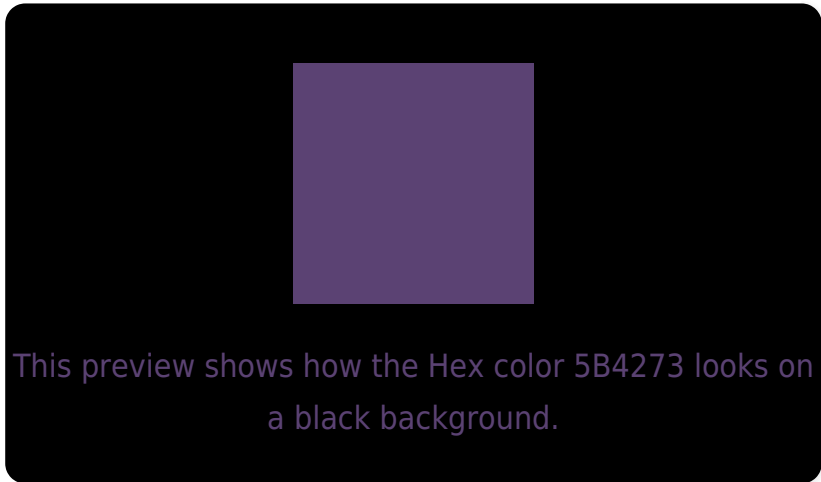
Large Text (above 18pt) WCAG AA ✓ Pass

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

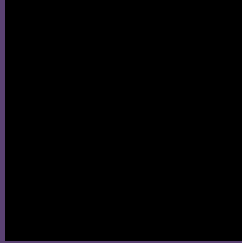
Any Text WCAG AA × Fail

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 5B4273 Background



This preview shows how black text looks on a background with the Hex color 5B4273.



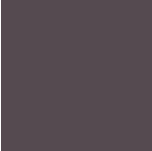
This preview shows how white text looks on a background with the Hex color 5B4273.

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





Tritanopia
554A50

Trichromacy



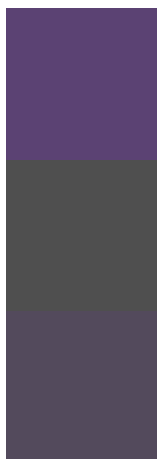
Original Color
5B4273

Protanomaly
474878

Deuteranomaly
494872

Tritanomaly
57475D

Monochromacy



Original Color
5B4273

Achromatopsia
4F4F4F

Achromatomaly
534A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4273 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 #5B4273 looks like.

```
.text, #text, p{  
    color:#5B4273  
}
```

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 #5B4273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4273
}
```

Border

The CSS property to change the border of an element to Hex 5B4273 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
#5B4273 }
```

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

```
.border{ border-color:#5B4273 }
```

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

Here you see how a box with a 4 pixel #5B4273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4273; -webkit-box-shadow:4px 4px  
4px 4px #5B4273; box-shadow:4px 4px 4px  
4px #5B4273 }
```

Background

The CSS property to change the background color of an element to Hex 5B4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4273 }
```

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

```
.background{ background-color:#5B4273 }
```

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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