

Converting Colors

Hex(5B2649)

Have a look what the booklet for
Hex(5B2649) contains.

Hex(5B2649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B2649)

Conversions

Conversions Part 1

Format	Color
Hex	5B2649
RGB	91, 38, 73
RGB Percent	36%, 15%, 29%
CMY	0.6431, 0.8510, 0.7137
CMYK	0.00, 0.58, 0.20, 0.64
HSL	320°, 41%, 25%
HSV	320°, 58%, 36%
XYZ	6.2101, 4.0914, 6.7657
YIQ	57.8370, 20.3530, 22.1210

Conversions

Conversions Part 2

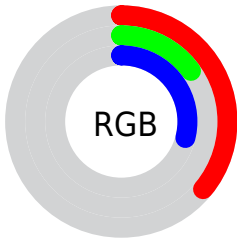
Format	Color
R_{YB}	91, 38, 73
Decimal	5973577
CIE _{Lab}	23.97, 29.09, -10.30
CIE _{LCh}	24, 30.862, 340.504
Yxy	4.0914, 0.3639, 0.2397
Android (android.graphics.Color)	4284163657 (0xFF5B2649)
YUV	57.8370, 7.4754, 29.0840
Hunter-Lab	20.2272, 19.4048, -5.6727

Details

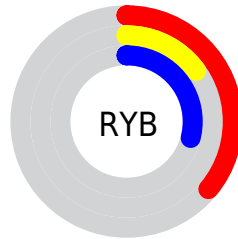
The Hex color **5B2649** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **265B38**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8F567A**, and **2C001D** is the 20% darker color. If you saturate the color by 10%, you get **5B1D46**, and if you desaturate by 10%, it is **5B2F4C**.

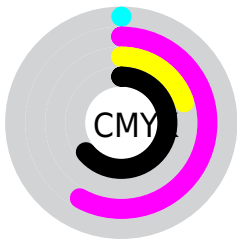
Distribution



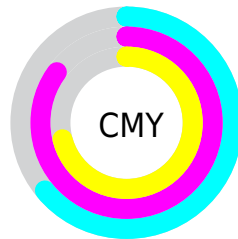
- Red (36%)
- Green (15%)
- Blue (29%)



- Red (36%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (20%)
- Black (64%)



- Cyan (64%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2649 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 5B2649 by changing the saturation by 10% instead.

 5B2649

 5B2649

FFFFFF

 420E32

 8F567A

 2C001D

 AA6F93

 080000

 C689AE

 000000

 E2A3C9

 FFBFE6

 FFDBFF

 FFF7FF

 5B2649

 5B2649

■ 5B1D46

■ 5B2F4C

■ 5B1443

■ 5B384F

■ 5B0B40

■ 5B4152

■ 5B023D

■ 5B4A55

■ 5B003C

■ 5B5458

■ 5B5D5C

■ 5B665F

■ 5B6F62

■ 5B7865

Harmonies

Analogous

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



452F5C



5B2649



632332

Triad

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



5B2649



3D3A06



004357

Complementary

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



5B2649



265B38

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.



004441



5B2649



244013

Square

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



5B2649



51320B



004329



004065

Rectangle

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



5B2649



612623



004329



004450

Sweetspot

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



5B2649



75616F



38265B



3B2F37



BABABA



3B3B3B

Same Dimension

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



5B2649



752359



5B262F



2E292C



6E0048



ED009D

Inverse Universe

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



5B2649



752359



265B52



2E292C



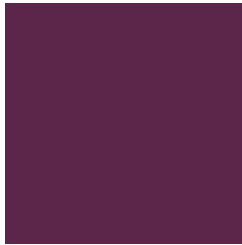
6E0048



ED009D

Previews

White Background



This preview shows how the Hex color 5B2649 looks on a white background.

Color Contrast Check

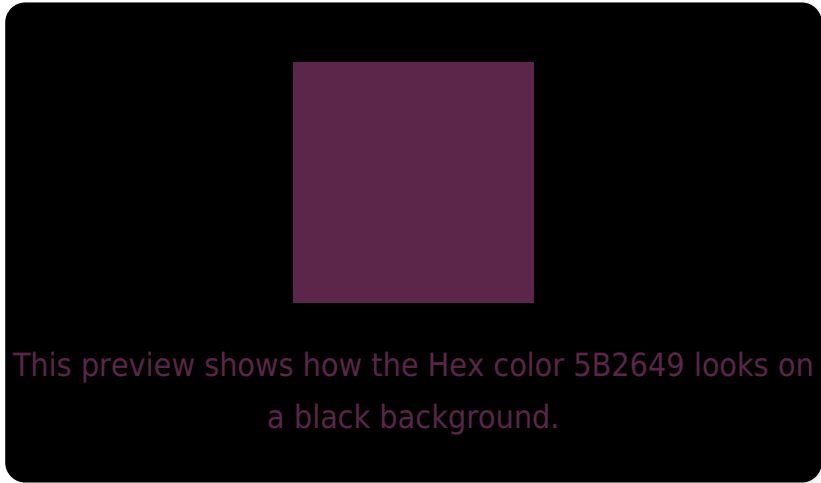
Large Text (above 18pt) WCAG AA ✓ Pass

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

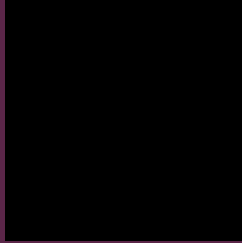
Any Text WCAG AA × Fail

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 5B2649 Background



This preview shows how black text looks on a background with the Hex color 5B2649.



This preview shows how white text looks on a background with the Hex color 5B2649.

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
5B2649

Protanopia
2F3957

Deuteranopia
393946



Tritanopia
592C2F

Trichromacy



Original Color
5B2649

Protanomaly
3F3252

Deuteranomaly
453247

Tritanomaly
5A2A38

Monochromacy



Original Color
5B2649

Achromatopsia
3A3A3A

Achromatomaly
46333F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2649 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 #5B2649 looks like.

```
.text, #text, p{  
    color:#5B2649  
}
```

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 #5B2649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2649
}
```

Border

The CSS property to change the border of an element to Hex 5B2649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

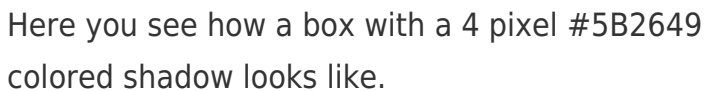
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2649 }
```

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

```
.border{ border-color:#5B2649 }
```

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



Here you see how a box with a 4 pixel #5B2649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2649; -webkit-box-shadow:4px 4px  
4px 4px #5B2649; box-shadow:4px 4px 4px  
4px #5B2649 }
```

Background

The CSS property to change the background color of an element to Hex 5B2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2649 }
```

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

```
.background{ background-color:#5B2649 }
```

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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