

Converting Colors

Hex(5B0E62)

Have a look what the booklet for
Hex(5B0E62) contains.

Hex(5B0E62)	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(5B0E62)

Conversions

Conversions Part 1

Format	Color
Hex	5B0E62
RGB	91, 14, 98
RGB Percent	36%, 5%, 38%
CMY	0.6431, 0.9451, 0.6157
CMYK	0.07, 0.86, 0.00, 0.62
HSL	295°, 75%, 22%
HSV	295°, 86%, 38%
XYZ	6.6760, 3.4201, 11.8635
YIQ	46.5990, 18.9280, 42.4480

Conversions

Conversions Part 2

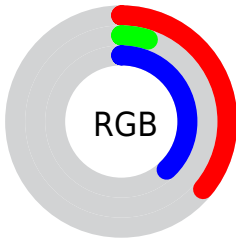
Format	Color
RYB	91, 14, 98
Decimal	5967458
CIELab	21.65, 44.00, -30.61
CIELCh	22, 53.597, 325.179
Yxy	3.4201, 0.3040, 0.1557
Android (android.graphics.Color)	4284157538 (0xFF5B0E62)
YUV	46.5990, 25.3407, 38.9397
Hunter-Lab	18.4934, 32.0741, -25.0892

Details

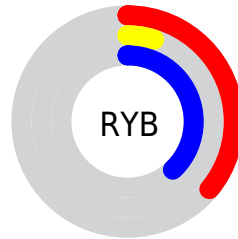
The Hex color **5B0E62** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **15620E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **904495**, and **2B0033** is the 20% darker color. If you saturate the color by 10%, you get **5A0462**, and if you desaturate by 10%, it is **5C1862**.

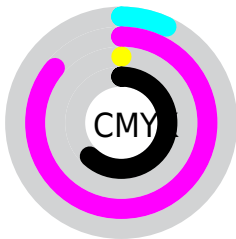
Distribution



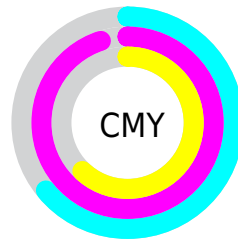
- Red (36%)
- Green (5%)
- Blue (38%)



- Red (36%)
- Yellow (5%)
- Blue (38%)



- Cyan (7%)
- Magenta (86%)
- Yellow (0%)
- Black (62%)



- Cyan (64%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0E62 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 5B0E62 by changing the saturation by 10% instead.

 5B0E62

 5B0E62

FFFFFF

 42004A

 904495

 2B0033

 AB5EB0

 02001D

 C878CC

 000000

 E493E8

 FFAEFF

 FFCAFF

 FFE7FF

 5B0E62

 5B0E62

■ 5A0462

■ 5C1862

■ 5A0062

■ 5D2262

■ 5D2B62

■ 5E3562

■ 5F3F62

■ 604962

■ 615362

■ 625C62

■ 626662

Harmonies

Analogous

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



0F2C7D



5B0E62



73003C

Triad

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



5B0E62



463000



004455

Complementary

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



5B0E62



15620E

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.



00432C



5B0E62



203B00

Square

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



5B0E62



631B00



004100



004276

Rectangle

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



5B0E62



760022



004100



004448

Sweetspot

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



5B0E62



7D5E80



0E1562



3E2C40



BFBFBF



404040

Same Dimension

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



5B0E62



750080



620E3F



302C30



670070



DC00F0

Inverse Universe

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



620E15



80000B



0E6231



302C2C



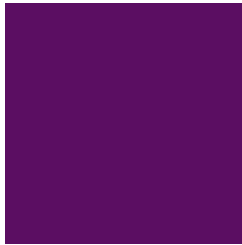
700009



F00014

Previews

White Background



This preview shows how the Hex color 5B0E62 looks on a white background.

Color Contrast Check

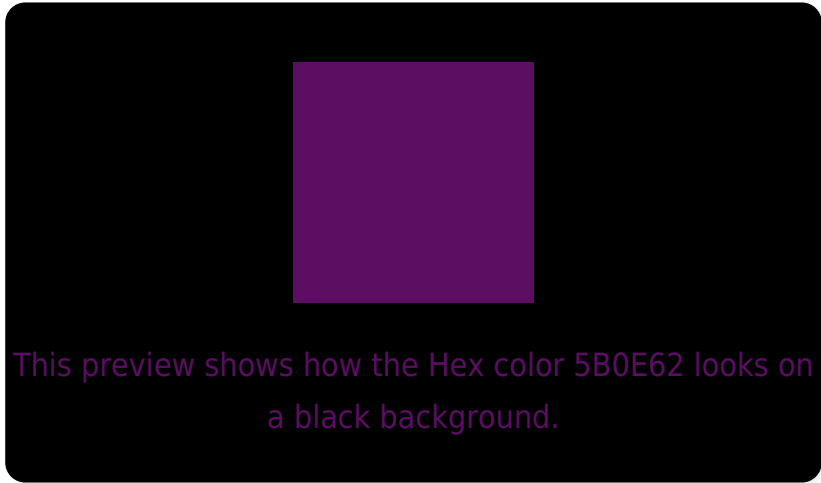
Large Text (above 18pt) WCAG AA ✓ Pass

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

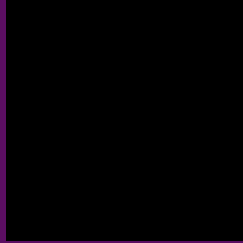
Any Text WCAG AA × Fail

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 5B0E62 Background



This preview shows how black text looks on a background with the Hex color 5B0E62.



This preview shows how white text looks on a background with the Hex color 5B0E62.

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
5B0E62

Protanopia
00346E

Deuteranopia
1A375C



Tritanopia
54282B

Trichromacy



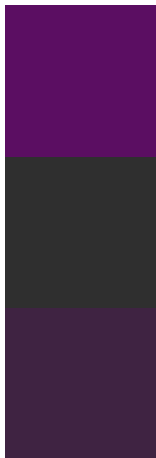
Original Color
5B0E62

Protanomaly
21266A

Deuteranomaly
32285E

Tritanomaly
571F3F

Monochromacy



Original Color
5B0E62

Achromatopsia
2F2F2F

Achromatomaly
3F2342

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0E62 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 #5B0E62 looks like.

```
.text, #text, p{  
    color:#5B0E62  
}
```

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 #5B0E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0E62
}
```

Border

The CSS property to change the border of an element to Hex 5B0E62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

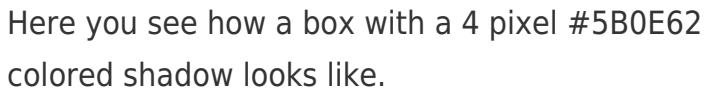
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0E62 }
```

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

```
.border{ border-color:#5B0E62 }
```

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



Here you see how a box with a 4 pixel #5B0E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0E62; -webkit-box-shadow:4px 4px  
4px 4px #5B0E62; box-shadow:4px 4px 4px  
4px #5B0E62 }
```

Background

The CSS property to change the background color of an element to Hex 5B0E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0E62 }
```

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

```
.background{ background-color:#5B0E62 }
```

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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