

Converting Colors

Hex(5B0062)

Have a look what the booklet for
Hex(5B0062) contains.

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Color

Hex(5B0062)

Conversions

Conversions Part 1

Format	Color
Hex	5B0062
RGB	91, 0, 98
RGB Percent	36%, 0%, 38%
CMY	0.6431, 1.0000, 0.6157
CMYK	0.07, 1.00, 0.00, 0.62
HSL	296°, 100%, 19%
HSV	296°, 100%, 38%
XYZ	6.5190, 3.1060, 11.8112
YIQ	38.3810, 22.7780, 49.7700

Conversions

Conversions Part 2

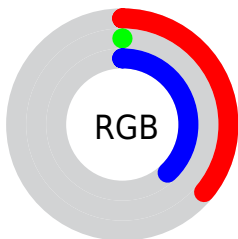
Format	Color
R_{YB}	91, 0, 98
Decimal	5963874
CIE _{Lab}	20.46, 47.50, -32.52
CIE _{LCh}	20, 57.562, 325.606
Yxy	3.1060, 0.3041, 0.1449
Android (android.graphics.Color)	4284153954 (0xFF5B0062)
YUV	38.3810, 29.3922, 46.1469
Hunter-Lab	17.6238, 35.1849, -27.3985

Details

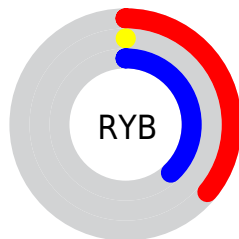
The Hex color **5B0062** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **076200**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **903D95**, and **2C0033** is the 20% darker color. If you saturate the color by 10%, you get **5B0062**, and if you desaturate by 10%, it is **5C0A62**.

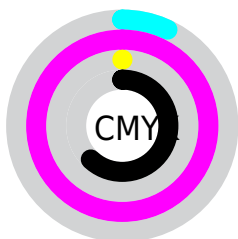
Distribution



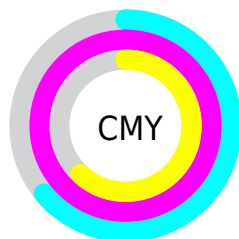
- Red (36%)
- Green (0%)
- Blue (38%)



- Red (36%)
- Yellow (0%)
- Blue (38%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (64%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0062 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 5B0062 by changing the saturation by 10% instead.

 5B0062

 5B0062

 FFFDFF

 41004A

 903D95

 2C0033

 AC57B0

 00001D

 C872CC

 000000

 E58CE8

 FFA8FF

 FFC4FF

 FFE0FF

 5B0062

 5C0A62

 5C1462

 5D1D62

 5E2762

 5F3162

 5F3B62

 604562

 614E62

 615862

Harmonies

Analogous

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



00297F



5B0062



74003A

Triad

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



5B0062



432E00



004155

Complementary

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



5B0062



076200

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.



00412A



5B0062



183900

Square

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



5B0062



611600



003E00



004078

Rectangle

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



5B0062



76001E



003E00



004147

Sweetspot

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



5B0062



7D5980



000862



3E2940



BFBFBF



404040

Same Dimension

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



5B0062



760080



620039



302C30



680070



DF00F0

Inverse Universe

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



620007



800009



006229



302C2C



700008



F00011

Previews

White Background



This preview shows how the Hex color 5B0062 looks on a white background.

Color Contrast Check

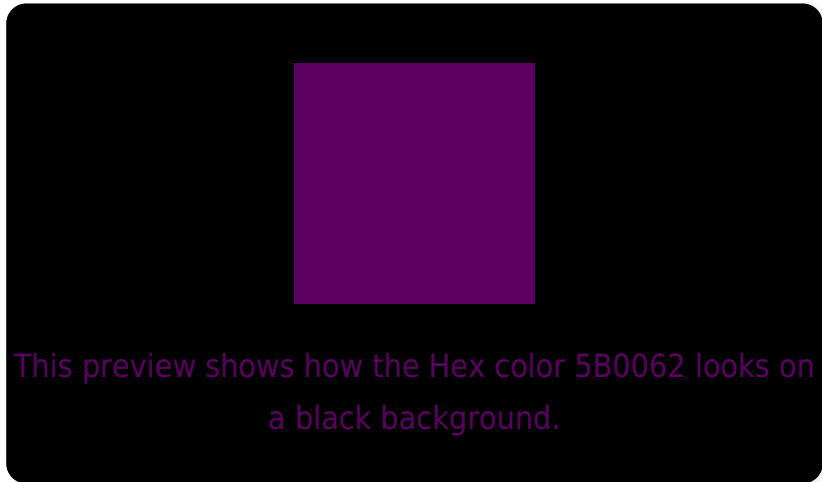
Large Text (above 18pt) WCAG AA ✓ Pass

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

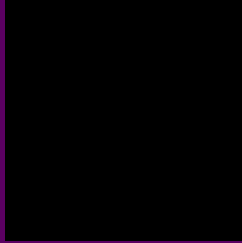
Any Text WCAG AA × Fail

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 5B0062 Background



This preview shows how black text looks on a background with the Hex color 5B0062.

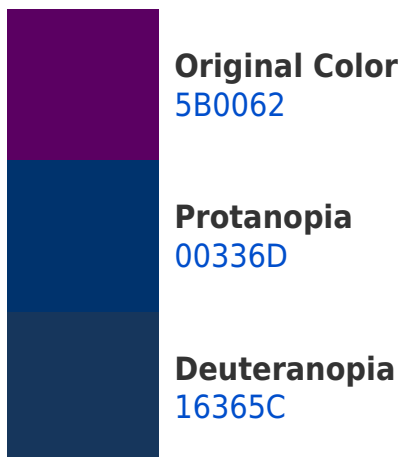


This preview shows how white text looks on a background with the Hex color 5B0062.

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
542629

Trichromacy



Original Color
5B0062

Protanomaly
212069

Deuteranomaly
2F225E

Tritanomaly
57183E

Monochromacy



Original Color
5B0062

Achromatopsia
262626

Achromatomaly
39183C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0062 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 #5B0062 looks like.

```
.text, #text, p{  
    color:#5B0062  
}
```

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 #5B0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0062
}
```

Border

The CSS property to change the border of an element to Hex 5B0062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

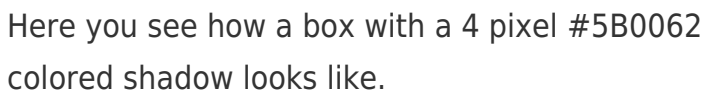
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0062 }
```

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

```
.border{ border-color:#5B0062 }
```

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



Here you see how a box with a 4 pixel #5B0062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0062; -webkit-box-shadow:4px 4px  
4px 4px #5B0062; box-shadow:4px 4px 4px  
4px #5B0062 }
```

Background

The CSS property to change the background color of an element to Hex 5B0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0062 }
```

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

```
.background{ background-color:#5B0062 }
```

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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