

Converting Colors

Hex(8C0062)

Have a look what the booklet for
Hex(8C0062) contains.

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Color

Hex(8C0062)

Conversions

Conversions Part 1

Format	Color
Hex	8C0062
RGB	140, 0, 98
RGB Percent	55%, 0%, 38%
CMY	0.4510, 1.0000, 0.6157
CMYK	0.00, 1.00, 0.30, 0.45
HSL	318°, 100%, 27%
HSV	318°, 100%, 55%
XYZ	13.0198, 6.4573, 12.1154
YIQ	53.0320, 51.9820, 60.1580

Conversions

Conversions Part 2

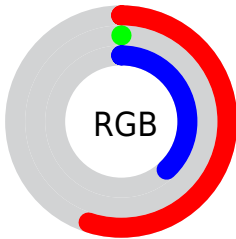
Format	Color
R_YB	140, 0, 98
Decimal	9175138
CIE _{Lab}	30.54, 57.15, -15.96
CIE _{LCh}	31, 59.337, 344.399
Yxy	6.4573, 0.4121, 0.2044
Android (android.graphics.Color)	4287365218 (0xFF8C0062)
YUV	53.0320, 22.1692, 76.2709
Hunter-Lab	25.4112, 46.9876, -10.4802

Details

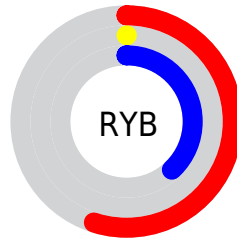
The Hex color **8C0062** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008C2A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **C54995**, and **550033** is the 20% darker color. If you saturate the color by 10%, you get **8C0062**, and if you desaturate by 10%, it is **8C0E66**.

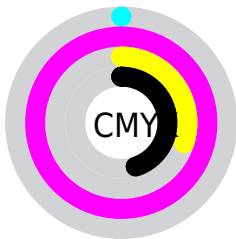
Distribution



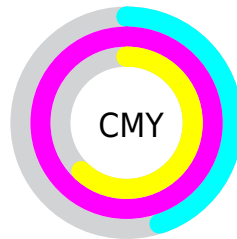
- Red (55%)
- Green (0%)
- Blue (38%)



- Red (55%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C0062 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 8C0062 by changing the saturation by 10% instead.

 8C0062

 8C0062

FFFFFF

 70004A

 C54995

 550033

 E365B0

 3C001F

 FF81CB

 1E0001

 FF9CE7

 000000

 FFB9FF

 FFD6FF

 FFF3FF

 8C0062

 8C0E66

 8C1C6A

 8C2A6F

 8C3873

 8C4677

 8C547B

 8C627F

 8C7084

 8C7E88

Harmonies

Analogous

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



632E8B



8C0062



960034

Triad

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



8C0062



454D00



005A88

Complementary

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



8C0062



008C2A

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.



005B5E



8C0062



005500

Square

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



8C0062



6C3D00



00592D



0054A2

Rectangle

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



8C0062



901416



00592D



005B7C

Sweetspot

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



8C0062



B57FA5



2A008C



5C3B52



DBDBDB



5C5C5C

Same Dimension

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



8C0062



B5007F



8C001C



453E43



85005D



050004

Inverse Universe

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



8C0062



B5007F



008C70



453E43



85005D



050004

Previews

White Background



This preview shows how the Hex color 8C0062 looks on a white background.

Color Contrast Check

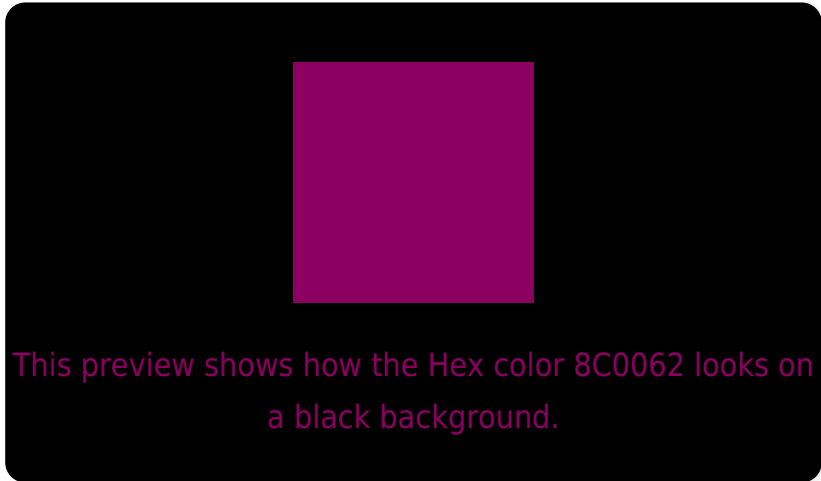
Large Text (above 18pt) WCAG AA ✓ Pass

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

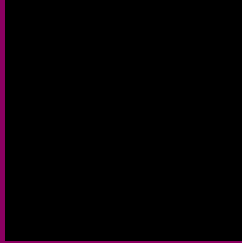
Any Text WCAG AA × Fail

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 8C0062 Background



This preview shows how black text looks on a background with the Hex color 8C0062.



This preview shows how white text looks on a background with the Hex color 8C0062.

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



Trichromacy



Original Color

8C0062



Protanomaly

4D2E7D



Deuteranomaly

622F5E



Tritanomaly

89193D

Monochromacy



Original Color

8C0062



Achromatopsia

353535



Achromatomaly

552245

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C0062 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 #8C0062 looks like.

```
.text, #text, p{  
    color:#8C0062  
}
```

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 #8C0062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C0062
}
```

Border

The CSS property to change the border of an element to Hex 8C0062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

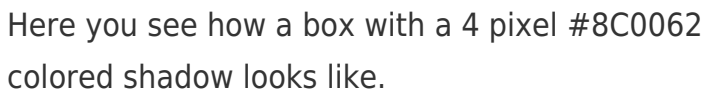
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C0062 }
```

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

```
.border{ border-color:#8C0062 }
```

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



Here you see how a box with a 4 pixel #8C0062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C0062; -webkit-box-shadow:4px 4px  
4px 4px #8C0062; box-shadow:4px 4px 4px  
4px #8C0062 }
```

Background

The CSS property to change the background color of an element to Hex 8C0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C0062 }
```

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

```
.background{ background-color:#8C0062 }
```

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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