

Converting Colors

Hex(8C0053)

Have a look what the booklet for
Hex(8C0053) contains.

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Color

Hex(8C0053)

Conversions

Conversions Part 1

Format	Color
Hex	8C0053
RGB	140, 0, 83
RGB Percent	55%, 0%, 33%
CMY	0.4510, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.41, 0.45
HSL	324°, 100%, 27%
HSV	324°, 100%, 55%
XYZ	12.3766, 6.2000, 8.7280
YIQ	51.3220, 56.7970, 55.4930

Conversions

Conversions Part 2

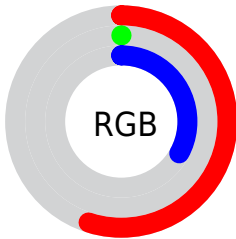
Format	Color
R_YB	140, 0, 83
Decimal	9175123
CIE Lab	29.91, 55.54, -7.08
CIE LCh	30, 55.984, 352.738
Yxy	6.2000, 0.4533, 0.2271
Android (android.graphics.Color)	4287365203 (0xFF8C0053)
YUV	51.3220, 15.6173, 77.7706
Hunter-Lab	24.8998, 45.1497, -3.3528

Details

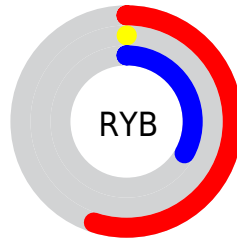
The Hex color **8C0053** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008C39**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **C64884**, and **540026** is the 20% darker color. If you saturate the color by 10%, you get **8C0053**, and if you desaturate by 10%, it is **8C0E59**.

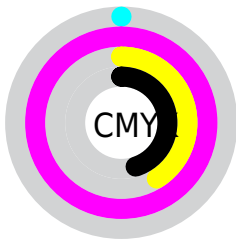
Distribution



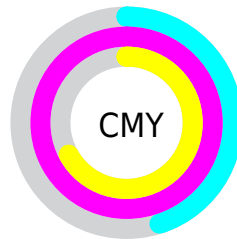
- Red (55%)
- Green (0%)
- Blue (33%)



- Red (55%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C0053 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 8C0053 by changing the saturation by 10% instead.

 8C0053

 8C0053

FFFFFF

 70003C

 C64884

 540026

 E4649F

 3C0012

 FF80B9

 190001

 FF9BD5

 000000

 FFB8F1

 FFD4FF

 FFF2FF

 8C0053

■ 8C0E59

■ 8C1C5E

■ 8C2A64

■ 8C386A

■ 8C466F

■ 8C5475

■ 8C627B

■ 8C7081

■ 8C7E86

Harmonies

Analogous

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



6F267C



8C0053



8F0A28

Triad

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



8C0053



384E00



00578C

Complementary

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



8C0053



008C39

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.



005967



8C0053



005507

Square

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



8C0053



604100



00583A



004F9E

Rectangle

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



8C0053



85220A



00583A



005881

Sweetspot

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



8C0053



B57F9F



38008C



5C3B4E



DBDBDB



5C5C5C

Same Dimension

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



8C0053



B5006B



8C000E



453E42



85004F



050003

Inverse Universe

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



8C0053



B5006B



008C7E



453E42



85004F



050003

Previews

White Background



This preview shows how the Hex color 8C0053 looks on a white background.

Color Contrast Check

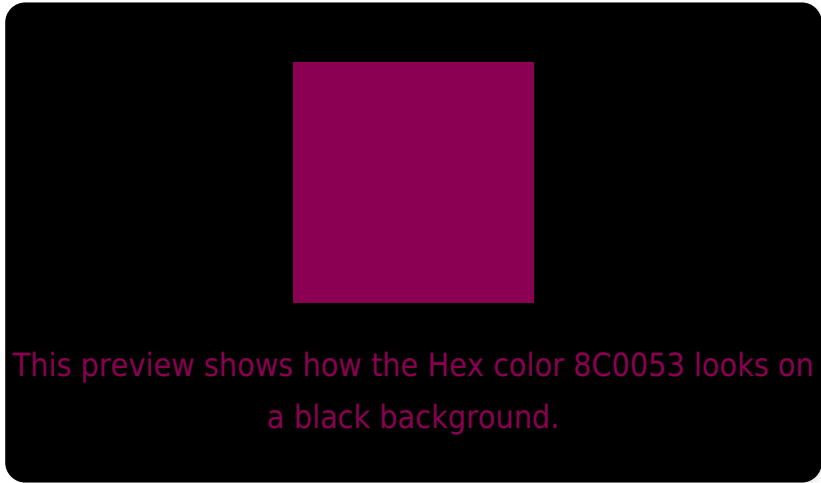
Large Text (above 18pt) WCAG AA ✓ Pass

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

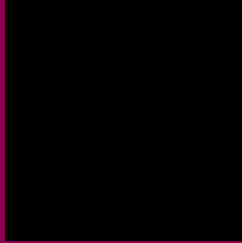
Any Text WCAG AA × Fail

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 8C0053 Background



This preview shows how black text looks on a background with the Hex color 8C0053.



This preview shows how white text looks on a background with the Hex color 8C0053.

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
8C0053

Protanomaly
572E6A

Deuteranomaly
662E4F

Tritanomaly
8A1534

Monochromacy



Original Color
8C0053

Achromatopsia
333333

Achromatomaly
53203F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C0053 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 #8C0053 looks like.

```
.text, #text, p{  
    color:#8C0053  
}
```

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 #8C0053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C0053
}
```

Border

The CSS property to change the border of an element to Hex 8C0053 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
#8C0053 }
```

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

```
.border{ border-color:#8C0053 }
```

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

Here you see how a box with a 4 pixel #8C0053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C0053; -webkit-box-shadow:4px 4px  
4px 4px #8C0053; box-shadow:4px 4px 4px  
4px #8C0053 }
```

Background

The CSS property to change the background color of an element to Hex 8C0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C0053 }
```

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

```
.background{ background-color:#8C0053 }
```

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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