

Converting Colors

Hex(930055)

Have a look what the booklet for
Hex(930055) contains.

Hex(930055)	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(930055)

Conversions

Conversions Part 1

Format	Color
Hex	930055
RGB	147, 0, 85
RGB Percent	58%, 0%, 33%
CMY	0.4235, 1.0000, 0.6667
CMYK	0.00, 1.00, 0.42, 0.42
HSL	325°, 100%, 29%
HSV	325°, 100%, 58%
XYZ	13.6723, 6.8589, 9.1976
YIQ	53.6430, 60.3270, 57.5990

Conversions

Conversions Part 2

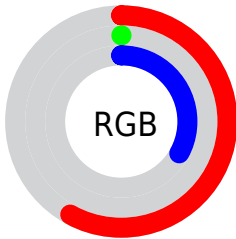
Format	Color
R_{YB}	147, 0, 85
Decimal	9633877
CIE _{Lab}	31.48, 57.31, -5.89
CIE _{LCh}	31, 57.613, 354.136
Yxy	6.8589, 0.4599, 0.2307
Android (android.graphics.Color)	4287823957 (0xFF930055)
YUV	53.6430, 15.4590, 81.8741
Hunter-Lab	26.1895, 47.3547, -2.4896

Details

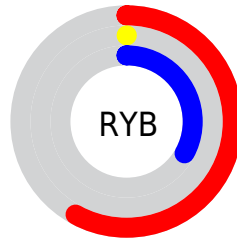
The Hex color **930055** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00933E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **CD4A87**, and **5A0028** is the 20% darker color. If you saturate the color by 10%, you get **930055**, and if you desaturate by 10%, it is **930F5B**.

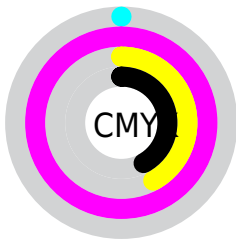
Distribution



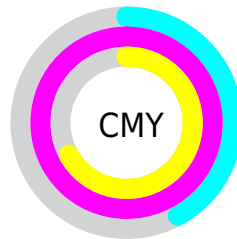
- Red (58%)
- Green (0%)
- Blue (33%)



- Red (58%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 930055 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 930055 by changing the saturation by 10% instead.

 930055

 930055

FFFFFF

 76003E

 CD4A87

 5A0028

 EB66A1

 410014

 FF82BC

 220001

 FF9ED7

 000000

 FFBAF4

 FFD7FF

 FFF4FF

 930055

■ 930F5B

■ 931D61

■ 932C68

■ 933B6E

■ 934A74

■ 93587A

■ 936780

■ 937687

■ 93848D

Harmonies

Analogous

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



762780



930055



950E29

Triad

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



930055



395200



005B93

Complementary

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



930055



00933E

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.



005D6E



930055



00590C

Square

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



930055



634500



005C3F



0053A5

Rectangle

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



930055



8B2609



005C3F



005C89

Sweetspot

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



930055



BF86A7



3D0093



613E52



E0E0E0



616161

Same Dimension

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



930055



BF006F



93000C



4A4347



8A0050



0A0006

Inverse Universe

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



930055



BF006F



009387



4A4347



8A0050



0A0006

Previews

White Background



This preview shows how the Hex color 930055 looks on a white background.

Color Contrast Check

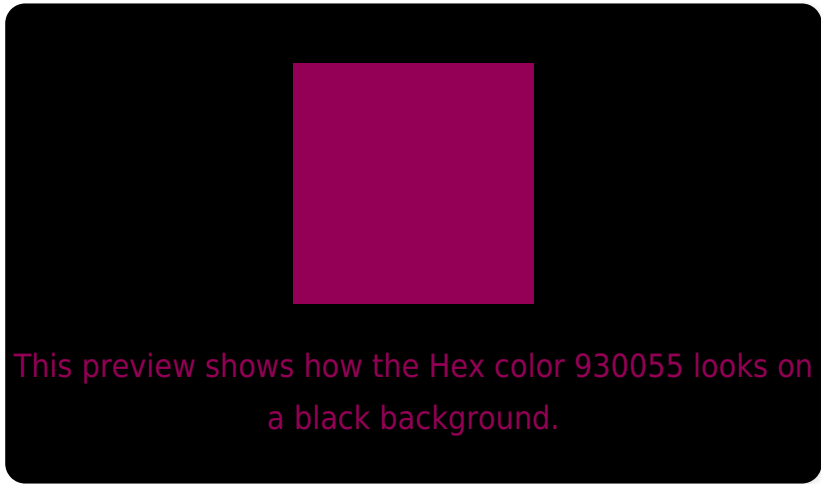
Large Text (above 18pt) WCAG AA ✓ Pass

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

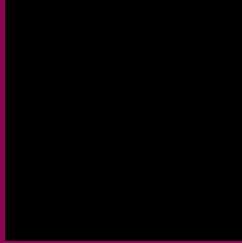
Any Text WCAG AA × Fail

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 930055 Background



This preview shows how black text looks on a background with the Hex color 930055.

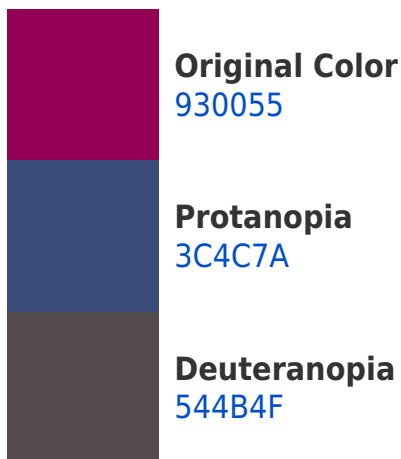


This preview shows how white text looks on a background with the Hex color 930055.

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
930055

Protanomaly
5C306D

Deuteranomaly
6B3051

Tritanomaly
911635

Monochromacy



Original Color
930055

Achromatopsia
363636

Achromatomaly
582241

CSS Examples

Text

The CSS property to change the color of the text to Hex 930055 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 #930055 looks like.

```
.text, #text, p{  
    color:#930055  
}
```

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 #930055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #930055
}
```

Border

The CSS property to change the border of an element to Hex 930055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

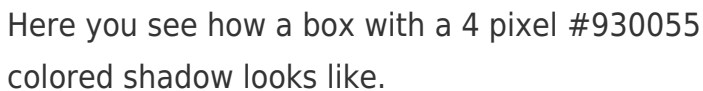
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#930055 }
```

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

```
.border{ border-color:#930055 }
```

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



Here you see how a box with a 4 pixel #930055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #930055; -webkit-box-shadow:4px 4px  
4px 4px #930055; box-shadow:4px 4px 4px  
4px #930055 }
```

Background

The CSS property to change the background color of an element to Hex 930055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#930055 }
```

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

```
.background{ background-color:#930055 }
```

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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