

Converting Colors

Hex(94005E)

Have a look what the booklet for
Hex(94005E) contains.

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Color

Hex(94005E)

Conversions

Conversions Part 1

Format	Color
Hex	94005E
RGB	148, 0, 94
RGB Percent	58%, 0%, 37%
CMY	0.4196, 1.0000, 0.6314
CMYK	0.00, 1.00, 0.36, 0.42
HSL	322°, 100%, 29%
HSV	322°, 100%, 58%
XYZ	14.2331, 7.1041, 11.2107
YIQ	54.9680, 58.0340, 60.6100

Conversions

Conversions Part 2

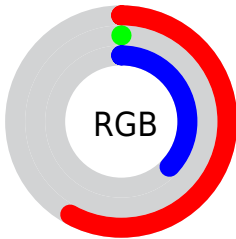
Format	Color
R_{YB}	148, 0, 94
Decimal	9699422
CIE _{Lab}	32.04, 58.44, -10.91
CIE _{LCh}	32, 59.445, 349.427
Yxy	7.1041, 0.4373, 0.2183
Android (android.graphics.Color)	4287889502 (0xFF94005E)
YUV	54.9680, 19.2428, 81.5891
Hunter-Lab	26.6534, 48.6768, -6.2806

Details

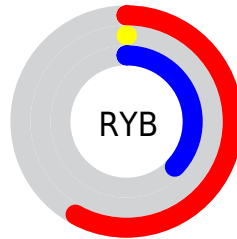
The Hex color **94005E** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009436**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **CE4B90**, and **5C0030** is the 20% darker color. If you saturate the color by 10%, you get **94005E**, and if you desaturate by 10%, it is **940F63**.

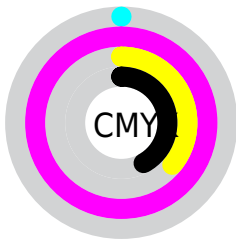
Distribution



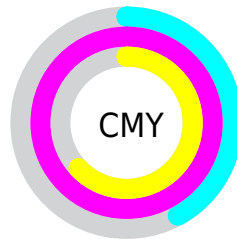
- Red (58%)
- Green (0%)
- Blue (37%)



- Red (58%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94005E 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 94005E by changing the saturation by 10% instead.

 94005E

 94005E

FFFFFF

 780046

 CE4B90

 5C0030

 EC67AB

 42001B

 FF83C6

 260001

 FF9FE2

 000000

 FFBBFF

 FFD8FF

 FFF6FF

 94005E

 940F63

 941E69

 942C6E

 943B74

 944A79

 94597E

 946884

 947689

 94858F

Harmonies

Analogous

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



712C89



94005E



9A0130

Triad

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



94005E



415200



005D92

Complementary

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



94005E



009436

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.



005F69



94005E



005A00

Square

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



94005E



6B4300



005E39



0056A9

Rectangle

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



94005E



912011



005E39



005E86

Sweetspot

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



94005E



BF86AA



340094



613E54



E0E0E0



616161

Same Dimension

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



94005E



BF0079



940016



4A4347



8A0057



0A0006

Inverse Universe

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



94005E



BF0079



00947E



4A4347



8A0057



0A0006

Previews

White Background



This preview shows how the Hex color 94005E looks on a white background.

Color Contrast Check

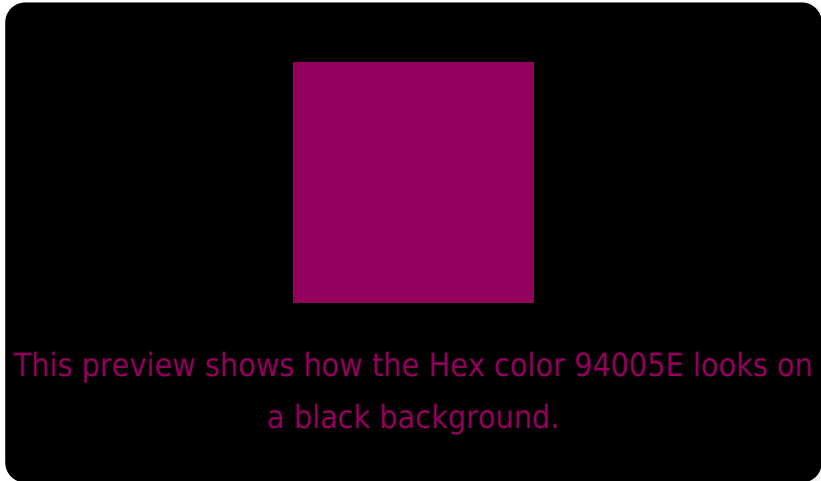
Large Text (above 18pt) WCAG AA ✓ Pass

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

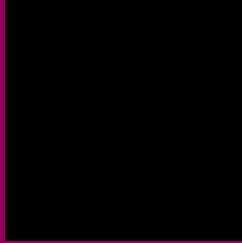
Any Text WCAG AA × Fail

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 94005E Background



This preview shows how black text looks on a background with the Hex color 94005E.



This preview shows how white text looks on a background with the Hex color 94005E.

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



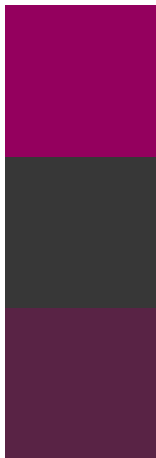
Original Color
94005E

Protanomaly
583178

Deuteranomaly
6A305A

Tritanomaly
92183A

Monochromacy



Original Color
94005E

Achromatopsia
373737

Achromatomaly
592345

CSS Examples

Text

The CSS property to change the color of the text to Hex 94005E 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 #94005E looks like.

```
.text, #text, p{  
    color:#94005E  
}
```

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 #94005E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94005E
}
```

Border

The CSS property to change the border of an element to Hex 94005E is called "border". The border property can be set on classes, ids or directly on the HTML element.

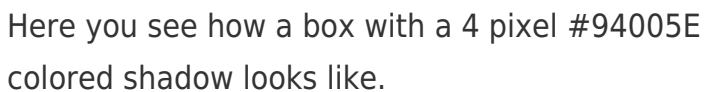
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94005E }
```

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

```
.border{ border-color:#94005E }
```

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



Here you see how a box with a 4 pixel #94005E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94005E; -webkit-box-shadow:4px 4px  
4px 4px #94005E; box-shadow:4px 4px 4px  
4px #94005E }
```

Background

The CSS property to change the background color of an element to Hex 94005E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94005E }
```

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

```
.background{ background-color:#94005E }
```

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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