

Converting Colors

Hex(90005A)

Have a look what the booklet for
Hex(90005A) contains.

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Color

Hex(90005A)

Conversions

Conversions Part 1

Format	Color
Hex	90005A
RGB	144, 0, 90
RGB Percent	56%, 0%, 35%
CMY	0.4353, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.37, 0.44
HSL	322°, 100%, 28%
HSV	322°, 100%, 56%
XYZ	13.3471, 6.6675, 10.2563
YIQ	53.3160, 56.9340, 58.5180

Conversions

Conversions Part 2

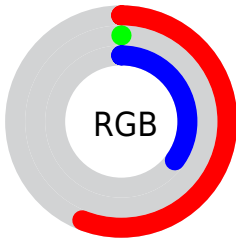
Format	Color
RYB	144, 0, 90
Decimal	9437274
CIELab	31.04, 57.14, -9.90
CIELCh	31, 57.991, 350.170
Yxy	6.6675, 0.4409, 0.2203
Android (android.graphics.Color)	4287627354 (0xFF90005A)
YUV	53.3160, 18.0852, 79.5299
Hunter-Lab	25.8215, 47.0788, -5.4751

Details

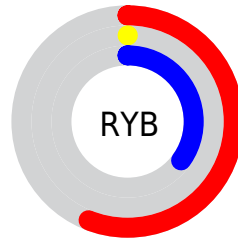
The Hex color **90005A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009036**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **CA4A8C**, and **58002C** is the 20% darker color. If you saturate the color by 10%, you get **90005A**, and if you desaturate by 10%, it is **900E5F**.

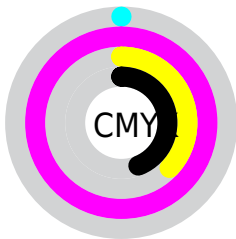
Distribution



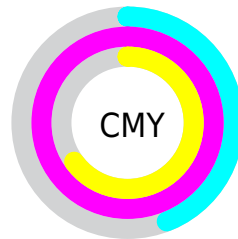
- Red (56%)
- Green (0%)
- Blue (35%)



- Red (56%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (37%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90005A 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 90005A by changing the saturation by 10% instead.

 90005A

 90005A

FFFFFF

 740043

 CA4A8C

 58002C

 E866A6

 3F0018

 FF81C2

 200001

 FF9DDD

 000000

 FFBAFA

 FFD6FF

 FFF4FF

 90005A

 900E5F

 901D65

 902B6A

 903A70

 904875

 90567A

 906580

 907385

 90828B

Harmonies

Analogous

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



6F2A84



90005A



95032D

Triad

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



90005A



3E5000



005A8F

Complementary

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



90005A



009036

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.



005C67



90005A



005701

Square

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



90005A



674200



005B38



0053A4

Rectangle

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



90005A



8C200F



005B38



005B83

Sweetspot

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



90005A



BA82A5



350090



5E3C52



DEDEDE



5E5E5E

Same Dimension

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



90005A



BA0074



900013



474045



870054



080005

Inverse Universe

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



90005A



BA0074



00907D



474045



870054



080005

Previews

White Background



This preview shows how the Hex color 90005A looks on a white background.

Color Contrast Check

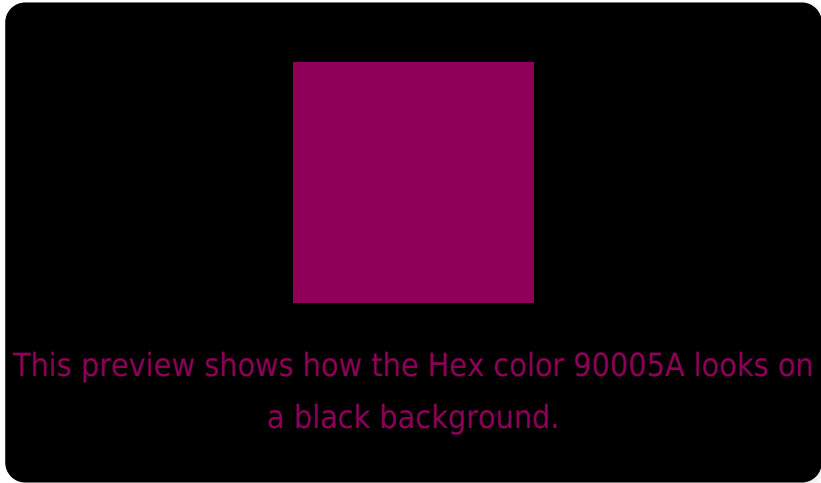
Large Text (above 18pt) WCAG AA ✓ Pass

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 90005A Background



This preview shows how black text looks on a background with the Hex color 90005A.




This preview shows how white text looks on a background with the Hex color 90005A.

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
8D2425

Trichromacy



Original Color
90005A

Protanomaly
563073

Deuteranomaly
672F56

Tritanomaly
8E1738

Monochromacy



Original Color
90005A

Achromatopsia
353535

Achromatomaly
562242

CSS Examples

Text

The CSS property to change the color of the text to Hex 90005A 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 #90005A looks like.

```
.text, #text, p{  
    color:#90005A  
}
```

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 #90005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90005A
}
```

Border

The CSS property to change the border of an element to Hex 90005A is called "border". The border property can be set on classes, ids or directly on the HTML element.

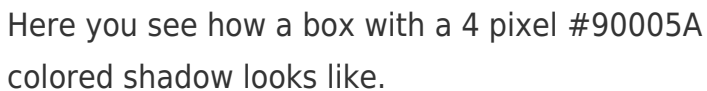
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90005A }
```

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

```
.border{ border-color:#90005A }
```

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



Here you see how a box with a 4 pixel #90005A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90005A; -webkit-box-shadow:4px 4px  
4px 4px #90005A; box-shadow:4px 4px 4px  
4px #90005A }
```

Background

The CSS property to change the background color of an element to Hex 90005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90005A }
```

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

```
.background{ background-color:#90005A }
```

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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