

Converting Colors

Hex(9C0045)

Have a look what the booklet for
Hex(9C0045) contains.

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Color

Hex(9C0045)

Conversions

Conversions Part 1

Format	Color
Hex	9C0045
RGB	156, 0, 69
RGB Percent	61%, 0%, 27%
CMY	0.3882, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.56, 0.39
HSL	333°, 100%, 31%
HSV	333°, 100%, 61%
XYZ	14.7845, 7.4976, 6.2982
YIQ	54.5100, 70.8270, 54.5310

Conversions

Conversions Part 2

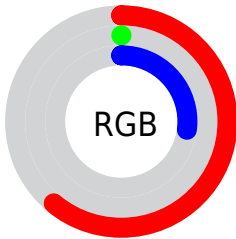
Format	Color
RYB	156, 0, 69
Decimal	10223685
CIELab	32.91, 58.07, 6.99
CIElCh	33, 58.484, 6.861
Yxy	7.4976, 0.5173, 0.2623
Android (android.graphics.Color)	4288413765 (0xFF9C0045)
YUV	54.5100, 7.1436, 89.0067
Hunter-Lab	27.3817, 48.4612, 5.5297

Details

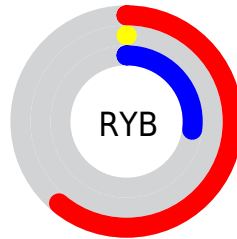
The Hex color **9C0045** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009C57**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **D84B75**, and **62001B** is the 20% darker color. If you saturate the color by 10%, you get **9C0045**, and if you desaturate by 10%, it is **9C104E**.

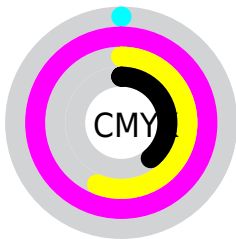
Distribution



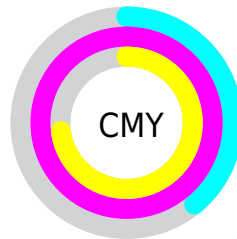
- Red (61%)
- Green (0%)
- Blue (27%)



- Red (61%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0045 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 9C0045 by changing the saturation by 10% instead.

 9C0045

 9C0045

FFFFFF

 7F002F

 D84B75

 62001B

 F7688E

 460002

 FF84A9

 290001

 FFA0C4

 000000

 FFBCE0

 FFD9FC

 FFF7FF

 9C0045

 9C104E

 9C1F56

 9C2F5F

 9C3E68

 9C4E71

 9C5E79

 9C6D82

 9C7D8B

 9C8C93

Harmonies

Analogous

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



8B1B73



9C0045



942118

Triad

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



9C0045



215900



005CA3

Complementary

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



9C0045



009C57

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.



006084



9C0045



005F26

Square

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



9C0045



564F00



006157



0050AA

Rectangle

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



9C0045



853500



006157



005E9B

Sweetspot

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



9C0045



CC8FAA



56009C



664152



E6E6E6



666666

Same Dimension

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



9C0045



CC005A



9C0800



4F474B



8F003F



0F0007

Inverse Universe

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



9C0045



CC005A



00949C



4F474B



8F003F



0F0007

Previews

White Background



This preview shows how the Hex color 9C0045 looks on a white background.

Color Contrast Check

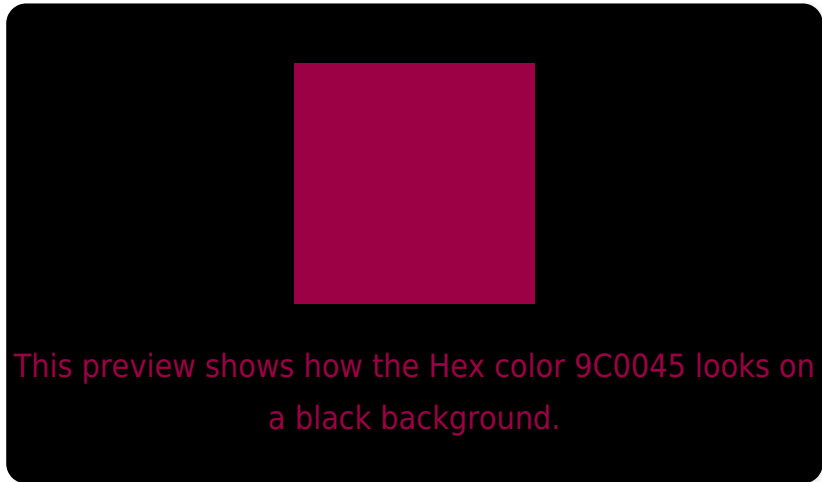
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0045 Background



This preview shows how black text looks on a background with the Hex color 9C0045.



This preview shows how white text looks on a background with the Hex color 9C0045.

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](#).

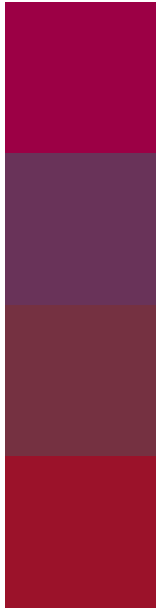
Dichromacy





Tritanopia
9A1C1B

Trichromacy



Original Color
9C0045

Protanomaly
693359

Deuteranomaly
753141

Tritanomaly
9B122A

Monochromacy



Original Color
9C0045

Achromatopsia
373737

Achromatomaly
5C233C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0045 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 #9C0045 looks like.

```
.text, #text, p{  
    color:#9C0045  
}
```

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 #9C0045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0045
}
```

Border

The CSS property to change the border of an element to Hex 9C0045 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
#9C0045 }
```

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

```
.border{ border-color:#9C0045 }
```

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

Here you see how a box with a 4 pixel #9C0045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0045; -webkit-box-shadow:4px 4px  
4px 4px #9C0045; box-shadow:4px 4px 4px  
4px #9C0045 }
```

Background

The CSS property to change the background color of an element to Hex 9C0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0045 }
```

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

```
.background{ background-color:#9C0045 }
```

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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