Converting Colors

Hex(9E4595)

Have a look what the booklet for Hex(9E4595) contains.

Hex(9E4595) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Hex(9E4595)

Conversions

Conversions Part 1

Format	Color
Hex	9E4595
RGB	158, 69, 149
RGB Percent	62%, 27%, 58%
CMY	0.3804, 0.7294, 0.4157
CMYK	0.00, 0.56, 0.06, 0.38
HSL	306°, 39%, 45%
HSV	306°, 56%, 62%
XYZ	21.6535, 13.6953, 29.9360
YIQ	104.7310, 27.3640, 43.7480

Conversions

Conversions Part 2

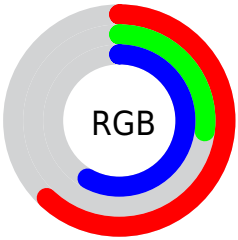
Format	Color
RYB	158, 69, 149
Decimal	10372501
CIELab	43.79, 47.65, -26.96
CIELCh	44, 54.745, 330.499
Yxy	13.6953, 0.3317, 0.2098
Android (android.graphics.Color)	4288562581 (0xFF9E4595)
YUV	104.7310, 21.8246, 46.7169
Hunter-Lab	37.0071, 39.6809, -22.0561

Details

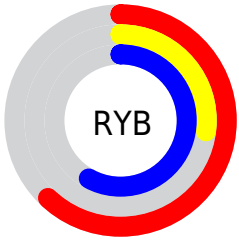
The Hex color 9E4595 is a dark color, and the websafe version is hex 993399. A complement of this color would be 459E4E, and the grayscale version is 696969.

A 20% lighter version of the original color is D77ACB, and 680A62 is the 20% darker color. If you saturate the color by 10%, you get 9E3593, and if you desaturate by 10%, it is 9E5597.

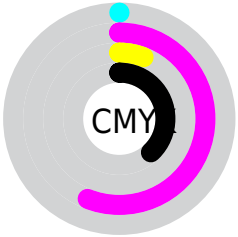
Distribution



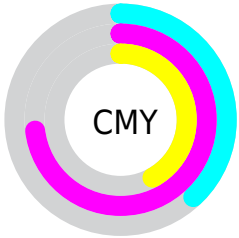
- Red (62%)
- Green (27%)
- Blue (58%)



- Red (62%)
- Yellow (27%)
- Blue (58%)



- Cyan (0%)
- Magenta (56%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E4595 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 9E4595 by changing the saturation by 10% instead.

9E4595	9E4595
FFFFFF	832A7B
D77ACB	680A62
F495E8	4E004A
FFB0FF	350033
FFCCFF	1B001D
FFE9FF	000000

9E4595	9E4595
9E3593	9E5597
9E2592	9E6598

9E1690

9E068F

9E008E

9E749A

9E849B

9E949D

9EA49F

9EB4A0

9EC3A2

9ED3A3

Harmonies

Analogous

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

665BB6

9E4595

B63769

Triad

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

9E4595

7C6600

007C95

Complementary

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

9E4595

459E4E

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.

007C67

9E4595

4F7208

Square

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

9E4595

9F5413

007938

0077B6

Rectangle

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

9E4595

B73A4B

007938

007C86

Sweetspot

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

9E4595

CFABCB

4E459E

695466

E8E8E8

696969

Same Dimension

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

9E4595

CF42C0

9E4569

4F474E

8F0080

0F000E

Inverse Universe

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

9E4595

CF42C0

459E7A

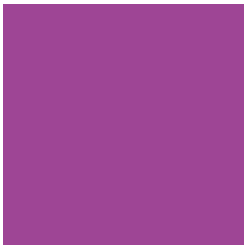
4F474E

8F0080

0F000E

Previews

White Background

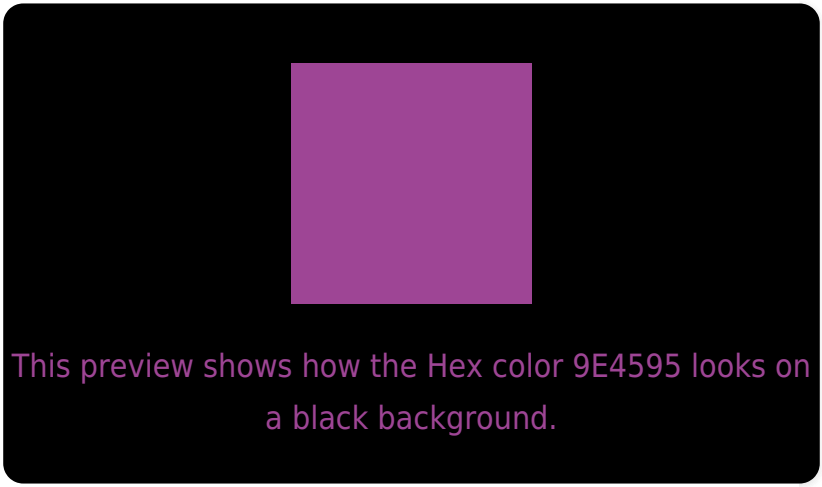


This preview shows how the Hex color 9E4595 looks on a white background.

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 ✕ Fail

Black Background

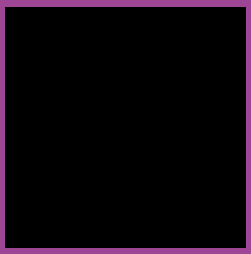


Color Contrast Check

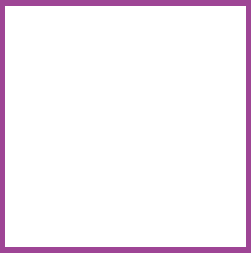
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 9E4595 Background



This preview shows how black text looks on a background with the Hex color 9E4595.



This preview shows how white text looks on a background with the Hex color 9E4595.

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

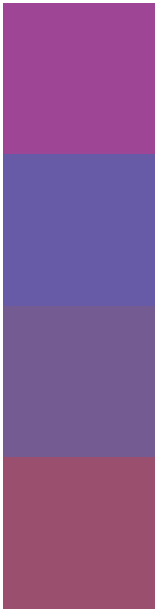
Original Color
9E4595

Protanopia
4866B1

Deuteranopia
5C678F

Tritanopia
97545A

Trichromacy



Original Color
9E4595

Protanomaly
675AA7

Deuteranomaly
745B91

Tritanomaly
9A4F6F

Monochromacy

Original Color
9E4595

Achromatopsia
696969

Achromatomaly
7C5C79

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E4595 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 #9E4595 looks like.

```
.text, #text, p{
    color:#9E4595
}
```

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 #9E4595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E4595
}
```

Border

The CSS property to change the border of an element to Hex 9E4595 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
#9E4595 }
```

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

```
.border{ border-color:#9E4595 }
```

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

Here you see how a box with a 4 pixel #9E4595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #9E4595; -webkit-box-shadow:4px 4px 4px 4px #9E4595; box-shadow:4px 4px 4px 4px #9E4595 }
```

Background

The CSS property to change the background color of an element to Hex 9E4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#9E4595 }
```

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

```
.background{ background-color:#9E4595 }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor