

Converting Colors

Hex(89208C)

Have a look what the booklet for
Hex(89208C) contains.

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Color

Hex(89208C)

Conversions

Conversions Part 1

Format	Color
Hex	89208C
RGB	137, 32, 140
RGB Percent	54%, 13%, 55%
CMY	0.4627, 0.8745, 0.4510
CMYK	0.02, 0.77, 0.00, 0.45
HSL	298°, 63%, 34%
HSV	298°, 77%, 55%
XYZ	15.5667, 8.2448, 25.5819
YIQ	75.7070, 27.9120, 55.8480

Conversions

Conversions Part 2

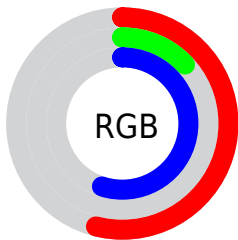
Format	Color
R_{YB}	137, 32, 140
Decimal	8986764
CIE _{Lab}	34.49, 55.94, -36.36
CIE _{LCh}	34, 66.722, 326.976
Yxy	8.2448, 0.3152, 0.1669
Android (android.graphics.Color)	4287176844 (0xFF89208C)
YUV	75.7070, 31.6964, 53.7540
Hunter-Lab	28.7138, 46.5212, -32.7233

Details

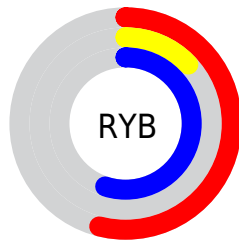
The Hex color **89208C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **238C20**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **C159C2**, and **530059** is the 20% darker color. If you saturate the color by 10%, you get **89128C**, and if you desaturate by 10%, it is **892E8C**.

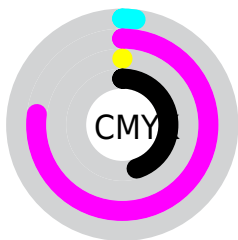
Distribution



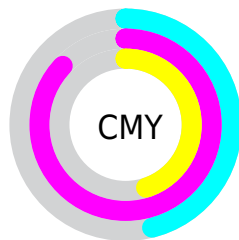
- Red (54%)
- Green (13%)
- Blue (55%)



- Red (54%)
- Yellow (13%)
- Blue (55%)



- Cyan (2%)
- Magenta (77%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89208C 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 89208C by changing the saturation by 10% instead.

 89208C

 89208C

FFFFFF

 6E0072

 C159C2

 530059

 DE74DE

 390041

 FC90FB

 20002B

 FFABFF

 000114

 FFC8FF

 000000

 FFE5FF

 89208C

 89208C

 89128C

 892E8C

■ 88048C

■ 8A3C8C

■ 88008C

■ 8A4A8C

■ 8B588C

■ 8B668C

■ 8B748C

■ 8C828C

■ 8C908C

■ 8D9E8C

Harmonies

Analogous

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



3545B1



89208C



A70059

Triad

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



89208C



684D00



006780

Complementary

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



89208C



238C20

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.



00664A



89208C



355C00

Square

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



89208C



8F3400



00630C



0064AB

Rectangle

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



89208C



AA0036



00630C



00676F

Sweetspot

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



89208C



B48BB5



20248C



5B425C



DBDBDB



5C5C5C

Same Dimension

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



89208C



B00DB5



8C205A



453E45



810085



050005

Inverse Universe

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



8C2023



B50D11



208C52



453E3E



850004



050000

Previews

White Background



This preview shows how the Hex color 89208C looks on a white background.

Color Contrast Check

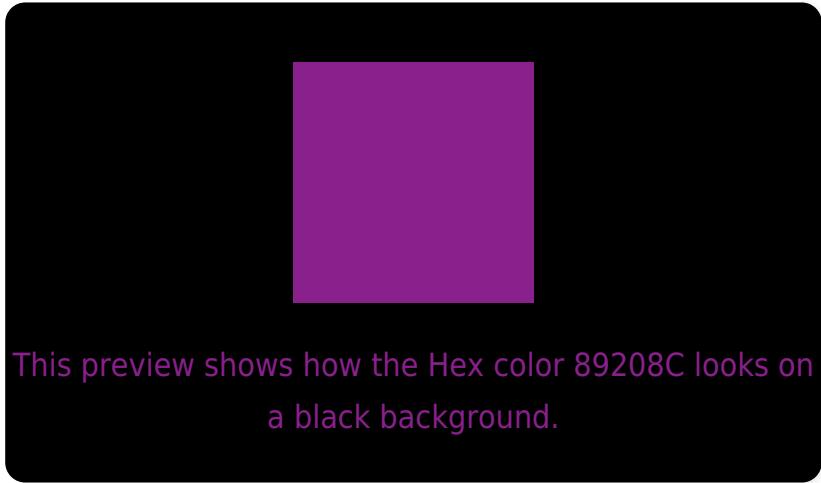
Large Text (above 18pt) WCAG AA ✓ Pass

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

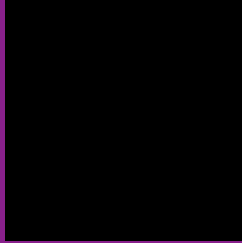
Any Text WCAG AA × Fail

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 89208C Background



This preview shows how black text looks on a background with the Hex color 89208C.

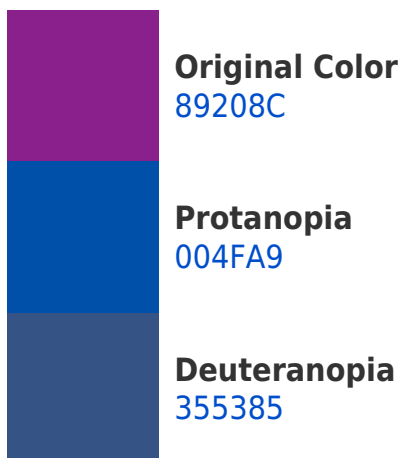


This preview shows how white text looks on a background with the Hex color 89208C.

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
803D41

Trichromacy



Original Color
89208C



Protanomaly
323E9E



Deuteranomaly
544088



Tritanomaly
83325C

Monochromacy



Original Color
89208C



Achromatopsia
4C4C4C



Achromatomaly
623C63

CSS Examples

Text

The CSS property to change the color of the text to Hex 89208C 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 #89208C looks like.

```
.text, #text, p{  
    color:#89208C  
}
```

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 #89208C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89208C
}
```

Border

The CSS property to change the border of an element to Hex 89208C is called "border". The border property can be set on classes, ids or directly on the HTML element.

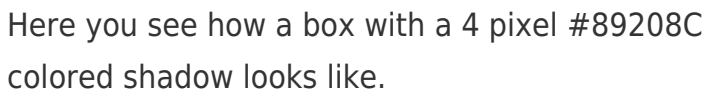
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89208C }
```

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

```
.border{ border-color:#89208C }
```

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



Here you see how a box with a 4 pixel #89208C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89208C; -webkit-box-shadow:4px 4px  
4px 4px #89208C; box-shadow:4px 4px 4px  
4px #89208C }
```

Background

The CSS property to change the background color of an element to Hex 89208C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89208C }
```

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

```
.background{ background-color:#89208C }
```

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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