

Converting Colors

Hex(123F8C)

Have a look what the booklet for
Hex(123F8C) contains.

Hex(123F8C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(123F8C)

Conversions

Conversions Part 1

Format	Color
Hex	123F8C
RGB	18, 63, 140
RGB Percent	7%, 25%, 55%
CMY	0.9294, 0.7529, 0.4510
CMYK	0.87, 0.55, 0.00, 0.45
HSL	218°, 77%, 31%
HSV	218°, 87%, 55%
XYZ	6.7606, 5.5771, 25.5311
YIQ	58.3230, -51.5370, 14.4070

Conversions

Conversions Part 2

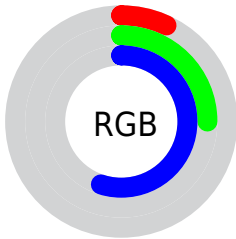
Format	Color
R_{YB}	18, 51, 140
Decimal	1195916
CIE _{Lab}	28.32, 16.13, -46.92
CIE _{LCh}	28, 49.614, 288.978
Yxy	5.5771, 0.1785, 0.1473
Android (android.graphics.Color)	4279385996 (0xFF123F8C)
YUV	58.3230, 40.2668, -35.3633
Hunter-Lab	23.6158, 9.7722, -47.5675

Details

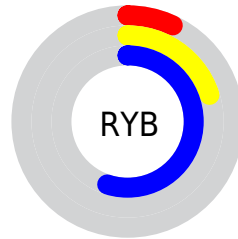
The Hex color **123F8C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8C5F12**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **566EC2**, and **001659** is the 20% darker color. If you saturate the color by 10%, you get **04368C**, and if you desaturate by 10%, it is **20488C**.

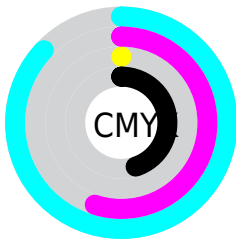
Distribution



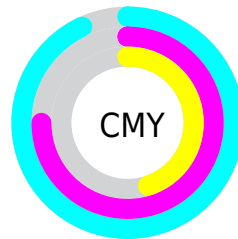
- Red (7%)
- Green (25%)
- Blue (55%)



- Red (7%)
- Yellow (20%)
- Blue (55%)



- Cyan (87%)
- Magenta (55%)
- Yellow (0%)
- Black (45%)



- Cyan (93%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123F8C 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 123F8C by changing the saturation by 10% instead.

■ 123F8C

■ 123F8C

FFFFFF

■ 002A72

■ 566EC2

■ 001659

■ 7387DF

■ 000041

■ 8FA1FB

■ 00032A

■ ACBCFF

■ 000114

■ C8D8FF

■ 000000

■ E6F4FF

■ 123F8C

■ 123F8C

■ 04368C

■ 20488C

■ 00348C

■ 2E518C

■ 3C5A8C

■ 4A628C

■ 586B8C

■ 66748C

■ 747D8C

■ 82868C

■ 908F8C

Harmonies

Analogous

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



004C8F



123F8C



612B76

Triad

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



123F8C



772906



005233

Complementary

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



123F8C



8C5F12

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.



004F08



123F8C



5E3C00

Square

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



123F8C



84132D



3C4800



00535B

Rectangle

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



123F8C



781B5F



3C4800



005225

Sweetspot

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



123F8C



8697B5



128C5D



3F4A5C



DBDBDB



5C5C5C

Same Dimension

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



123F8C



0043B5



20128C



3E4145



003185



000205

Inverse Universe

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



8C123F



B50043



7E8C12



453E41



850031



050002

Previews

White Background



This preview shows how the Hex color 123F8C looks on a white background.

Color Contrast Check

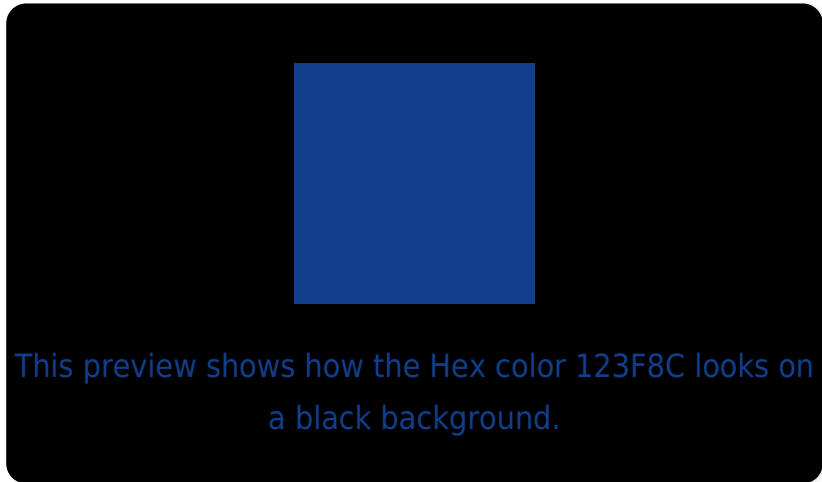
Large Text (above 18pt) WCAG AA ✓ Pass

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

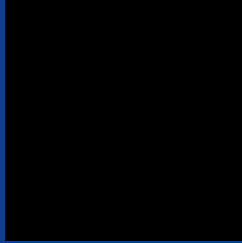
Any Text WCAG AA × Fail

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 123F8C Background



This preview shows how black text looks on a background with the Hex color 123F8C.



This preview shows how white text looks on a background with the Hex color 123F8C.

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
123F8C

Protanopia
004089

Deuteranopia
004576



Tritanopia
004A4F

Trichromacy



Original Color
123F8C

Protanomaly
07408A

Deuteranomaly
07437E

Tritanomaly
074665

Monochromacy



Original Color
123F8C

Achromatopsia
3A3A3A

Achromatomaly
2B3C58

CSS Examples

Text

The CSS property to change the color of the text to Hex 123F8C 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 #123F8C looks like.

```
.text, #text, p{  
    color:#123F8C  
}
```

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 #123F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123F8C
}
```

Border

The CSS property to change the border of an element to Hex 123F8C 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
#123F8C }
```

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

```
.border{ border-color:#123F8C }
```

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

Here you see how a box with a 4 pixel #123F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123F8C; -webkit-box-shadow:4px 4px  
4px 4px #123F8C; box-shadow:4px 4px 4px  
4px #123F8C }
```

Background

The CSS property to change the background color of an element to Hex 123F8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123F8C }
```

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

```
.background{ background-color:#123F8C }
```

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