

Converting Colors

Hex(132C9F)

Have a look what the booklet for
Hex(132C9F) contains.

Hex(132C9F)	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(132C9F)

Conversions

Conversions Part 1

Format	Color
Hex	132C9F
RGB	19, 44, 159
RGB Percent	7%, 17%, 62%
CMY	0.9255, 0.8275, 0.3765
CMYK	0.88, 0.72, 0.00, 0.38
HSL	229°, 79%, 35%
HSV	229°, 88%, 62%
XYZ	7.4272, 4.4430, 33.2670
YIQ	49.6350, -51.8150, 30.4650

Conversions

Conversions Part 2

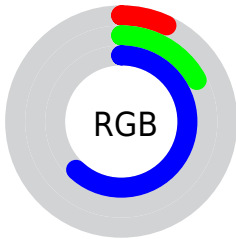
Format	Color
R_{YB}	19, 40, 159
Decimal	1256607
CIE _{Lab}	25.09, 36.67, -63.87
CIE _{LCh}	25, 73.648, 299.864
Yxy	4.4430, 0.1645, 0.0984
Android (android.graphics.Color)	4279446687 (0xFF132C9F)
YUV	49.6350, 53.9169, -26.8669
Hunter-Lab	21.0785, 26.0093, -78.8193

Details

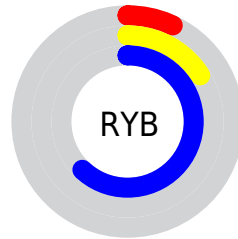
The Hex color **132C9F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9F8613**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5E5AD7**, and **00036A** is the 20% darker color. If you saturate the color by 10%, you get **031F9F**, and if you desaturate by 10%, it is **23399F**.

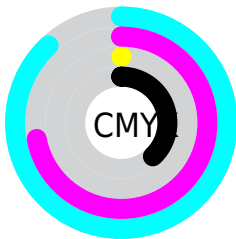
Distribution



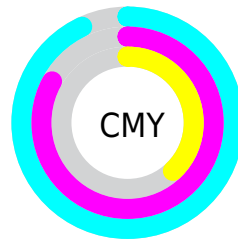
- Red (7%)
- Green (17%)
- Blue (62%)



- Red (7%)
- Yellow (16%)
- Blue (62%)



- Cyan (88%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (83%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 132C9F 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 132C9F by changing the saturation by 10% instead.

■ 132C9F

■ 132C9F

FFFFFF

■ 001784

■ 5E5AD7

■ 00036A

■ 7C73F4

■ 000051

■ 998CFF

■ 000539

■ B7A7FF

■ 000223

■ D5C2FF

■ 000009

■ F3DEFF

■ 000000

■ FFFBFF

■ 132C9F

■ 132C9F

■ 031F9F

■ 23399F

■ 001C9F

■ 33469F

■ 43539F

■ 53609F

■ 626D9F

■ 727A9F

■ 82879F

■ 92949F

■ A2A29F

Harmonies

Analogous

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



0045AF



132C9F



790075

Triad

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



132C9F



741B00



004E3A

Complementary

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



132C9F



9F8613

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.



004C00



132C9F



4A3A00

Square

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



132C9F



8F0006



004700



005073

Rectangle

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



132C9F



8F0051



004700



004E26

Sweetspot

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



132C9F



99A2CF



139F85



484E69



E8E8E8



696969

Same Dimension

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



132C9F



0025CF



3F139F



47494F



00198F



00030F

Inverse Universe

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



9F132C



CF0025



739F13



4F4749



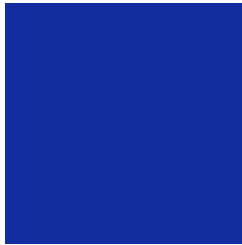
8F0019



0F0003

Previews

White Background



This preview shows how the Hex color 132C9F looks on a white background.

Color Contrast Check

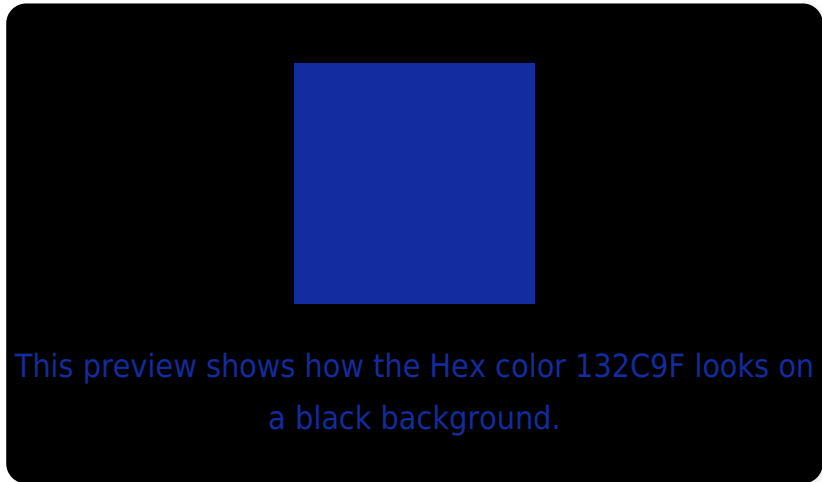
Large Text (above 18pt) WCAG AA ✓ Pass

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

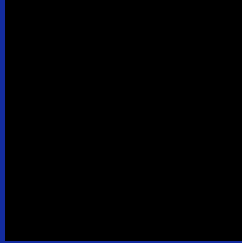
Any Text WCAG AA × Fail

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 132C9F Background



This preview shows how black text looks on a background with the Hex color 132C9F.



This preview shows how white text looks on a background with the Hex color 132C9F.

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
132C9F

Protanopia
003A79

Deuteranopia
003E67

Trichromacy



Original Color
132C9F

Protanomaly
073587

Deuteranomaly
07377B

Tritanomaly
073A66

Monochromacy



Original Color
132C9F

Achromatopsia
323232

Achromatomaly
27305A

CSS Examples

Text

The CSS property to change the color of the text to Hex 132C9F 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 #132C9F looks like.

```
.text, #text, p{  
    color:#132C9F  
}
```

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 #132C9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132C9F
}
```

Border

The CSS property to change the border of an element to Hex 132C9F 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
#132C9F }
```

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

```
.border{ border-color:#132C9F }
```

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

Here you see how a box with a 4 pixel #132C9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132C9F; -webkit-box-shadow:4px 4px  
4px 4px #132C9F; box-shadow:4px 4px 4px  
4px #132C9F }
```

Background

The CSS property to change the background color of an element to Hex 132C9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132C9F }
```

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

```
.background{ background-color:#132C9F }
```

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