

Converting Colors

Hex(122975)

Have a look what the booklet for
Hex(122975) contains.

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Color

Hex(122975)

Conversions

Conversions Part 1

Format	Color
Hex	122975
RGB	18, 41, 117
RGB Percent	7%, 16%, 46%
CMY	0.9294, 0.8392, 0.5412
CMYK	0.85, 0.65, 0.00, 0.54
HSL	226°, 73%, 26%
HSV	226°, 85%, 46%
XYZ	4.2533, 2.9988, 17.1843
YIQ	42.7870, -38.1040, 18.7600

Conversions

Conversions Part 2

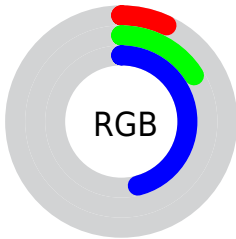
Format	Color
RYB	18, 37, 117
Decimal	1190261
CIELab	20.04, 22.17, -45.95
CIELCh	20, 51.016, 295.761
Yxy	2.9988, 0.1741, 0.1227
Android (android.graphics.Color)	4279380341 (0xFF122975)
YUV	42.7870, 36.5870, -21.7382
Hunter-Lab	17.3171, 13.5366, -46.7132

Details

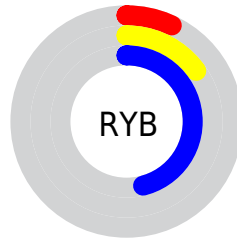
The Hex color **122975** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **755E12**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5156AA**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **062075**, and if you desaturate by 10%, it is **1E3275**.

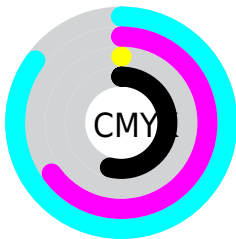
Distribution



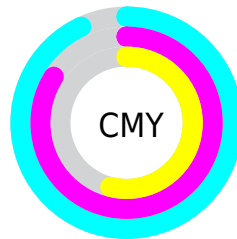
- Red (7%)
- Green (16%)
- Blue (46%)



- Red (7%)
- Yellow (15%)
- Blue (46%)



- Cyan (85%)
- Magenta (65%)
- Yellow (0%)
- Black (54%)



- Cyan (93%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122975 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 122975 by changing the saturation by 10% instead.

■ 122975

■ 122975

FFFFFF

■ 00155C

■ 5156AA

■ 000044

■ 6C6EC6

■ 00032D

■ 8887E2

■ 000117

■ A4A2FF

■ 000000

■ C0BDFF

■ DDD8FF

■ FBF5FF

■ 122975

■ 122975

■ 062075

■ 1E3275

■ 001B75

■ 293B75

■ 354475

■ 414D75

■ 4D5675

■ 585F75

■ 646875

■ 707175

■ 7B7A75

Harmonies

Analogous

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



00377C



122975



560C5B

Triad

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



122975



5C1A00



003F2A

Complementary

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



122975



755E12

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.



003C00



122975



412D00

Square

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



122975



6C0013



1D3700



003F50

Rectangle

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



122975



680044



1D3700



003E1C

Sweetspot

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



122975



737C99



12755E



363B4D



CCCCCC



4D4D4D

Same Dimension

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



122975



002499



2C1275



35363B



001C7A



003AFA

Inverse Universe

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



751229



990024



5B7512



3B3536



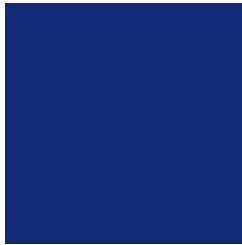
7A001C



FA003A

Previews

White Background



This preview shows how the Hex color 122975 looks on a white background.

Color Contrast Check

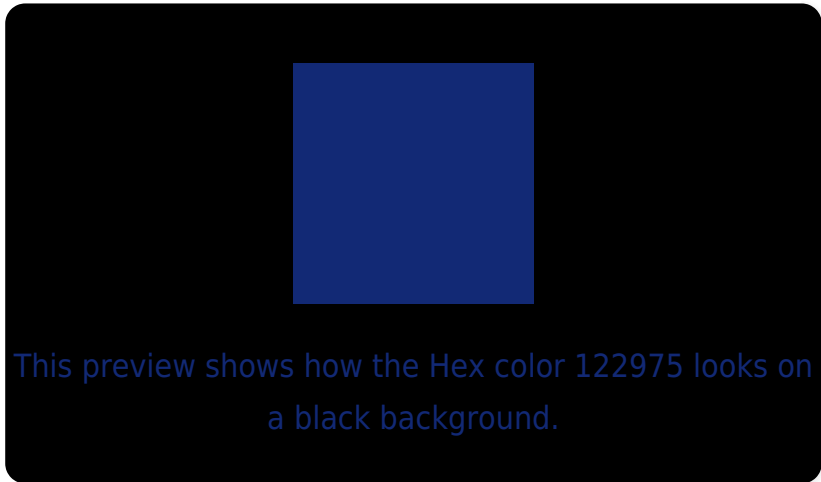
Large Text (above 18pt) WCAG AA ✓ Pass

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

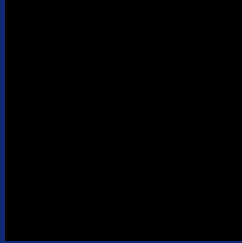
Any Text WCAG AA × Fail

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 122975 Background



This preview shows how black text looks on a background with the Hex color 122975.



This preview shows how white text looks on a background with the Hex color 122975.

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
122975

Protanopia
002F63

Deuteranopia
003255

Trichromacy



Original Color
122975

Protanomaly
072D6A

Deuteranomaly
072F61

Tritanomaly
07314F

Monochromacy



Original Color
122975

Achromatopsia
2B2B2B

Achromatomaly
222A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 122975 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 #122975 looks like.

```
.text, #text, p{  
    color:#122975  
}
```

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 #122975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122975  
}
```

Border

The CSS property to change the border of an element to Hex 122975 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  
#122975 }
```

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

```
.border{ border-color:#122975 }
```

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

Here you see how a box with a 4 pixel #122975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122975; -webkit-box-shadow:4px 4px  
4px 4px #122975; box-shadow:4px 4px 4px  
4px #122975 }
```

Background

The CSS property to change the background color of an element to Hex 122975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122975 }
```

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

```
.background{ background-color:#122975 }
```

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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