

Converting Colors

Hex(130473)

Have a look what the booklet for
Hex(130473) contains.

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Color

Hex(130473)

Conversions

Conversions Part 1

Format	Color
Hex	130473
RGB	19, 4, 115
RGB Percent	7%, 2%, 45%
CMY	0.9255, 0.9843, 0.5490
CMYK	0.83, 0.97, 0.00, 0.55
HSL	248°, 93%, 23%
HSV	248°, 97%, 45%
XYZ	3.4065, 1.4631, 16.3225
YIQ	21.1390, -26.6910, 37.7010

Conversions

Conversions Part 2

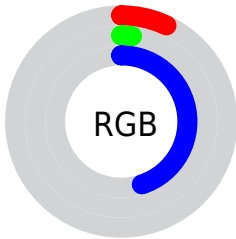
Format	Color
R_{YB}	19, 4, 115
Decimal	1246323
CIE _{Lab}	12.37, 42.56, -57.33
CIE _{LCh}	12, 71.400, 306.590
Yxy	1.4631, 0.1607, 0.0690
Android (android.graphics.Color)	4279436403 (0xFF130473)
YUV	21.1390, 46.2735, -1.8759
Hunter-Lab	12.0958, 29.1025, -71.5410

Details

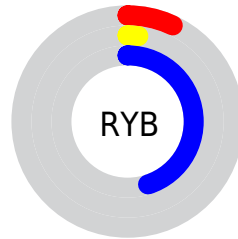
The Hex color **130473** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **647304**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5435A8**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **100073**, and if you desaturate by 10%, it is **1D1073**.

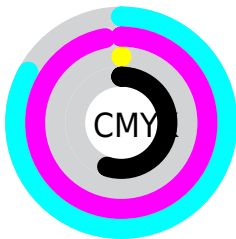
Distribution



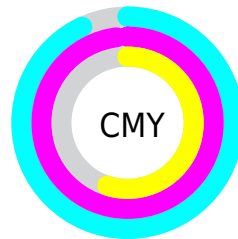
- Red (7%)
- Green (2%)
- Blue (45%)



- Red (7%)
- Yellow (2%)
- Blue (45%)



- Cyan (83%)
- Magenta (97%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (98%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130473 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 130473 by changing the saturation by 10% instead.

 130473

 130473

 FFEDFF

 00005A

 5435A8

 000041

 714DC4

 00032A

 8D66E0

 000114

 A97FFD

 000000

 C69AFF

 E4B5FF

 FFD1FF

 130473

 130473

■ 100073

■ 1D1073

■ 271B73

■ 312773

■ 3B3273

■ 453E73

■ 4F4973

■ 595573

■ 636073

■ 6D6C73

Harmonies

Analogous

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



002888



130473



5D0049

Triad

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



130473



460700



002F2B

Complementary

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



130473



647304

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.



002E00



130473



202300

Square

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



130473



610000



002C00



00325C

Rectangle

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



130473



6B0029



002C00



002F19

Sweetspot

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



130473



716B96



046473



35324D



CCCCCC



4D4D4D

Same Dimension

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



130473



140096



4A0473



36353B



11007A



2200FA

Inverse Universe

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



730464



960082



2D7304



3B353A



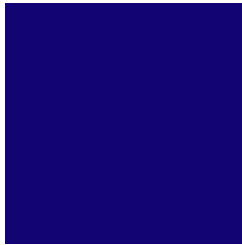
7A006A



FA00D8

Previews

White Background



This preview shows how the Hex color 130473 looks on a white background.

Color Contrast Check

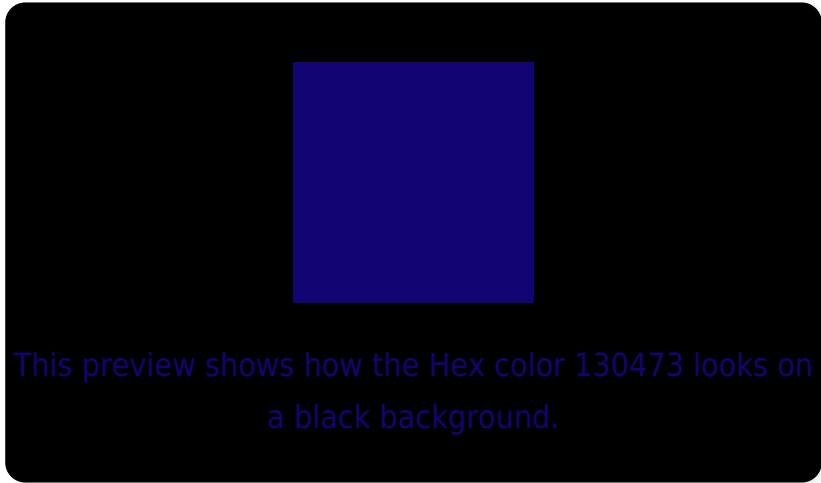
Large Text (above 18pt) WCAG AA ✓ Pass

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

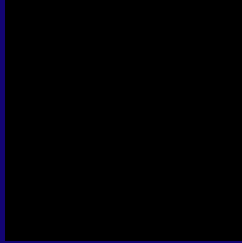
Any Text WCAG AA × Fail

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 130473 Background



This preview shows how black text looks on a background with the Hex color 130473.



This preview shows how white text looks on a background with the Hex color 130473.

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
130473

Protanopia
002348

Deuteranopia
00253D



Tritanopia
00282A

Trichromacy



Original Color
130473

Protanomaly
071858

Deuteranomaly
071951

Tritanomaly
071B45

Monochromacy



Original Color
130473

Achromatopsia
151515

Achromatomaly
140F37

CSS Examples

Text

The CSS property to change the color of the text to Hex 130473 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 #130473 looks like.

```
.text, #text, p{  
    color:#130473  
}
```

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 #130473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130473
}
```

Border

The CSS property to change the border of an element to Hex 130473 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
#130473 }
```

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

```
.border{ border-color:#130473 }
```

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

Here you see how a box with a 4 pixel #130473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130473; -webkit-box-shadow:4px 4px  
4px 4px #130473; box-shadow:4px 4px 4px  
4px #130473 }
```

Background

The CSS property to change the background color of an element to Hex 130473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130473 }
```

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

```
.background{ background-color:#130473 }
```

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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