

Converting Colors

Hex(150074)

Have a look what the booklet for
Hex(150074) contains.

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Color

Hex(150074)

Conversions

Conversions Part 1

Format	Color
Hex	150074
RGB	21, 0, 116
RGB Percent	8%, 0%, 45%
CMY	0.9176, 1.0000, 0.5451
CMYK	0.82, 1.00, 0.00, 0.55
HSL	251°, 100%, 23%
HSV	251°, 100%, 45%
XYZ	3.4616, 1.4204, 16.6147
YIQ	19.5030, -24.7200, 40.5280

Conversions

Conversions Part 2

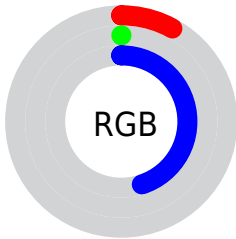
Format	Color
R_{YB}	21, 0, 116
Decimal	1376372
CIE _{Lab}	12.09, 44.65, -58.44
CIE _{LCh}	12, 73.542, 307.380
Y _{xy}	1.4204, 0.1610, 0.0661
Android (android.graphics.Color)	4279566452 (0xFF150074)
YUV	19.5030, 47.5730, 1.3129
Hunter-Lab	11.9180, 30.9899, -74.3128

Details

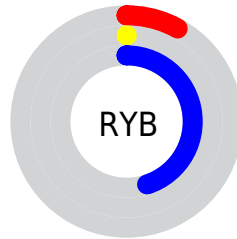
The Hex color **150074** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5F7400**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5632A9**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **150074**, and if you desaturate by 10%, it is **1F0C74**.

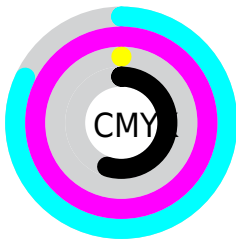
Distribution



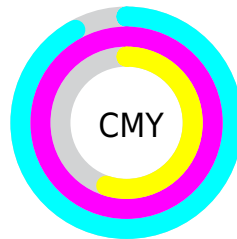
- Red (8%)
- Green (0%)
- Blue (45%)



- Red (8%)
- Yellow (0%)
- Blue (45%)



- Cyan (82%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (92%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 150074 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 150074 by changing the saturation by 10% instead.

 150074

 150074

 FFEBFF

 00005B

 5632A9

 000042

 724AC5

 00032B

 8F63E2

 000115

 AB7DFF

 000000

 C897FF

 E6B3FF

 FFCEFF

 150074

■ 1F0C74

■ 281774

■ 322374

■ 3B2E74

■ 453A74

■ 4E4674

■ 585174

■ 615D74

■ 6B6874

Harmonies

Analogous

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



00278A



150074



5F0048

Triad

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



150074



450700



002E2C

Complementary

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



150074



5F7400

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.



002D00



150074



1D2200

Square

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



150074



610000



002C00



00315E

Rectangle

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



150074



6C0027



002C00



002E1A

Sweetspot

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



150074



716996



006174



36314D



CCCCCC



4D4D4D

Same Dimension

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



150074



1B0096



4D0074



36353B



16007A



2D00FA

Inverse Universe

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



74005F



96007B



277400



3B353A



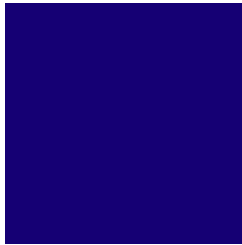
7A0064



FA00CD

Previews

White Background



This preview shows how the Hex color 150074 looks on a white background.

Color Contrast Check

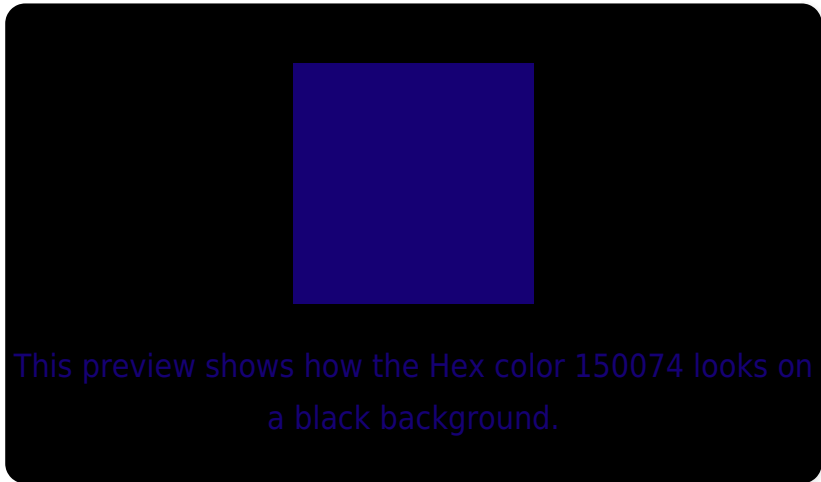
Large Text (above 18pt) WCAG AA ✓ Pass

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

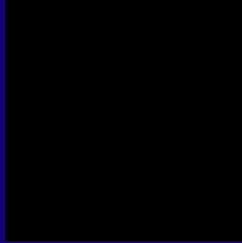
Any Text WCAG AA × Fail

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 150074 Background



This preview shows how black text looks on a background with the Hex color 150074.



This preview shows how white text looks on a background with the Hex color 150074.

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
150074

Protanopia
002349

Deuteranopia
00253E

Trichromacy



Original Color
150074

Protanomaly
081659

Deuteranomaly
081852

Tritanomaly
081945

Monochromacy



Original Color
150074

Achromatopsia
141414

Achromatomaly
140D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 150074 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 #150074 looks like.

```
.text, #text, p{  
    color:#150074  
}
```

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 #150074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #150074
}
```

Border

The CSS property to change the border of an element to Hex 150074 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
#150074 }
```

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

```
.border{ border-color:#150074 }
```

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

Here you see how a box with a 4 pixel #150074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #150074; -webkit-box-shadow:4px 4px  
4px 4px #150074; box-shadow:4px 4px 4px  
4px #150074 }
```

Background

The CSS property to change the background color of an element to Hex 150074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#150074 }
```

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

```
.background{ background-color:#150074 }
```

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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