

Converting Colors

Hex(150089)

Have a look what the booklet for
Hex(150089) contains.

Hex(150089)	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(150089)

Conversions

Conversions Part 1

Format	Color
Hex	150089
RGB	21, 0, 137
RGB Percent	8%, 0%, 54%
CMY	0.9176, 1.0000, 0.4627
CMYK	0.85, 1.00, 0.00, 0.46
HSL	249°, 100%, 27%
HSV	249°, 100%, 54%
XYZ	4.8246, 1.9656, 23.7920
YIQ	21.8970, -31.4610, 47.0590

Conversions

Conversions Part 2

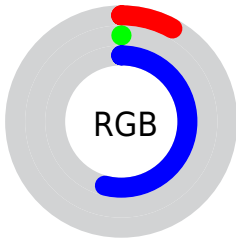
Format	Color
R_{YB}	21, 0, 137
Decimal	1376393
CIE Lab	15.31, 50.19, -66.49
CIE LCh	15, 83.307, 307.050
Yxy	1.9656, 0.1578, 0.0643
Android (android.graphics.Color)	4279566473 (0xFF150089)
YUV	21.8970, 56.7458, -0.7867
Hunter-Lab	14.0199, 36.8918, -90.8024

Details

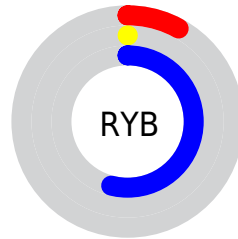
The Hex color **150089** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **748900**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5C35C0**, and **000055** is the 20% darker color. If you saturate the color by 10%, you get **150089**, and if you desaturate by 10%, it is **210E89**.

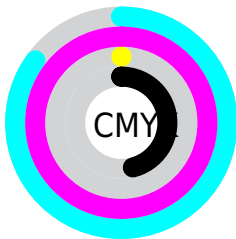
Distribution



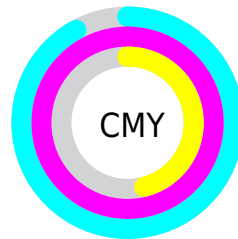
- Red (8%)
- Green (0%)
- Blue (54%)



- Red (8%)
- Yellow (0%)
- Blue (54%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (92%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 150089 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 150089 by changing the saturation by 10% instead.

 150089

 150089

 FFF1FF

 00006F

 5C35C0

 000055

 794EDC

 00063D

 9768F9

 000326

 B482FF

 00010F

 D29CFF

 000000

 F0B8FF

 FFD4FF

 150089

■ 210E89

■ 2C1B89

■ 382989

■ 433789

■ 4F4589

■ 5B5289

■ 666089

■ 726E89

■ 7D7B89

Harmonies

Analogous

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



002FA3



150089



6F0056

Triad

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



150089



520800



003734

Complementary

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



150089



748900

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.



003600



150089



242900

Square

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



150089



730000



003300



003B6F

Rectangle

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



150089



7F002F



003300



00371F

Sweetspot

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



150089



857DB3



007489



3E3959



D9D9D9



595959

Same Dimension

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



150089



1B00B3



590089



3F3E45



140085



010005

Inverse Universe

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



890074



B30097



308900



453E44



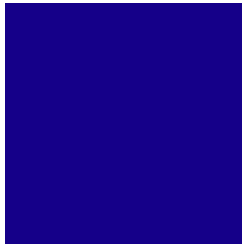
850070



050004

Previews

White Background



This preview shows how the Hex color 150089 looks on a white background.

Color Contrast Check

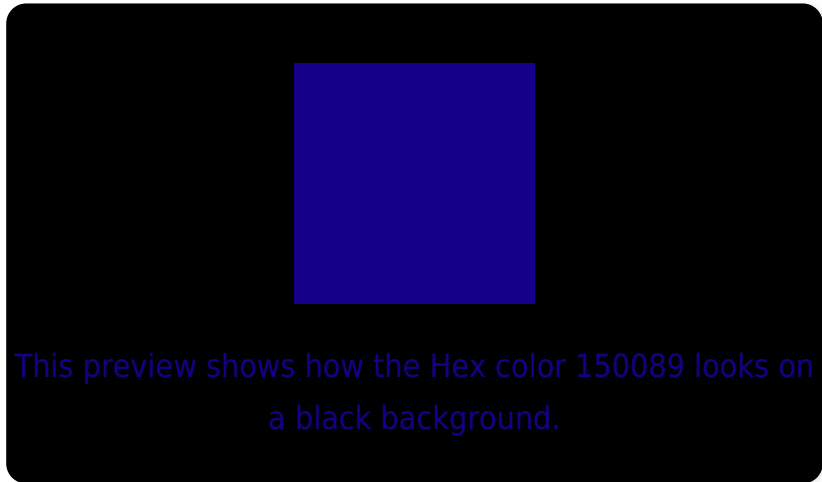
Large Text (above 18pt) WCAG AA ✓ Pass

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

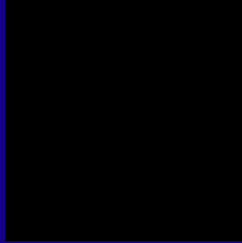
Any Text WCAG AA × Fail

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 150089 Background



This preview shows how black text looks on a background with the Hex color 150089.



This preview shows how white text looks on a background with the Hex color 150089.

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
150089

Protanopia
002956

Deuteranopia
002C49



Tritanopia
002F31

Trichromacy



Original Color
150089

Protanomaly
081A69

Deuteranomaly
081C60

Tritanomaly
081E51

Monochromacy



Original Color
150089

Achromatopsia
161616

Achromatomaly
160E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 150089 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 #150089 looks like.

```
.text, #text, p{  
    color:#150089  
}
```

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 #150089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #150089
}
```

Border

The CSS property to change the border of an element to Hex 150089 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".

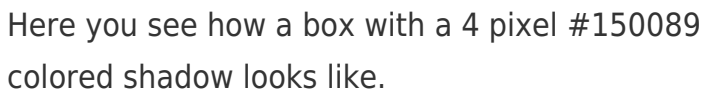
```
.border, #border, table{ border:4px solid
#150089 }
```

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

```
.border{ border-color:#150089 }
```

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

Here you see how a box with a 4 pixel #150089 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #150089; -webkit-box-shadow:4px 4px  
4px 4px #150089; box-shadow:4px 4px 4px  
4px #150089 }
```

Background

The CSS property to change the background color of an element to Hex 150089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#150089 }
```

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

```
.background{ background-color:#150089 }
```

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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