

Converting Colors

Hex(102089)

Have a look what the booklet for
Hex(102089) contains.

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Color

Hex(102089)

Conversions

Conversions Part 1

Format	Color
Hex	102089
RGB	16, 32, 137
RGB Percent	6%, 13%, 54%
CMY	0.9373, 0.8745, 0.4627
CMYK	0.88, 0.77, 0.00, 0.46
HSL	232°, 79%, 30%
HSV	232°, 88%, 54%
XYZ	5.2456, 2.9493, 23.9597
YIQ	39.1860, -43.2410, 29.2630

Conversions

Conversions Part 2

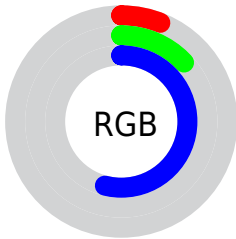
Format	Color
R_{YB}	16, 30, 137
Decimal	1056905
CIE _{Lab}	19.84, 35.88, -58.95
CIE _{LCh}	20, 69.015, 301.328
Yxy	2.9493, 0.1631, 0.0917
Android (android.graphics.Color)	4279246985 (0xFF102089)
YUV	39.1860, 48.2223, -20.3341
Hunter-Lab	17.1736, 24.4678, -70.6968

Details

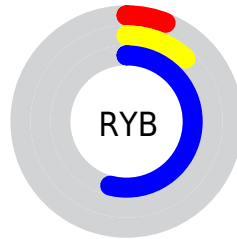
The Hex color **102089** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **897910**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **574DC0**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **021489**, and if you desaturate by 10%, it is **1E2C89**.

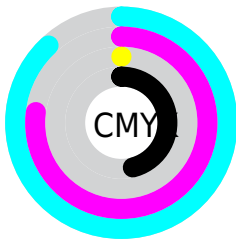
Distribution



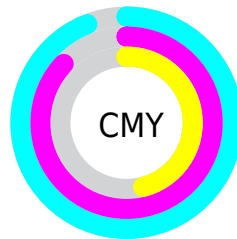
- Red (6%)
- Green (13%)
- Blue (54%)



- Red (6%)
- Yellow (12%)
- Blue (54%)



- Cyan (88%)
- Magenta (77%)
- Yellow (0%)
- Black (46%)



- Cyan (94%)
- Magenta (87%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102089 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 102089 by changing the saturation by 10% instead.

■ 102089

■ 102089

FFFFFF

■ 000B6F

■ 574DC0

■ 000056

■ 7465DC

■ 00063D

■ 917FF9

■ 000327

■ AE99FF

■ 000110

■ CBB4FF

■ 000000

■ E9CFFF

■ FFECFF

■ 102089

■ 102089

■ 021489

■ 1E2C89

■ 001289

■ 2B3889

■ 394489

■ 475089

■ 545B89

■ 626789

■ 707389

■ 7E7F89

■ 8B8B89

Harmonies

Analogous

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



003899



102089



690062

Triad

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



102089



601300



004131

Complementary

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



102089



897910

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.



003F00



102089



3A3000

Square

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



102089



7A0000



003B00



004264

Rectangle

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



102089



7C0041



003B00



00401F

Sweetspot

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



102089



848AB3



108979



3E4159



D9D9D9



595959

Same Dimension

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



102089



0018B3



3C1089



3E3F45



001285



000105

Inverse Universe

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



891020



B30018



5D8910



453E3F



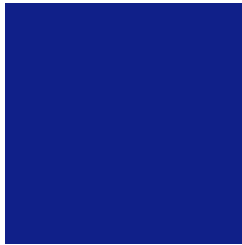
850012



050001

Previews

White Background



This preview shows how the Hex color 102089 looks on a white background.

Color Contrast Check

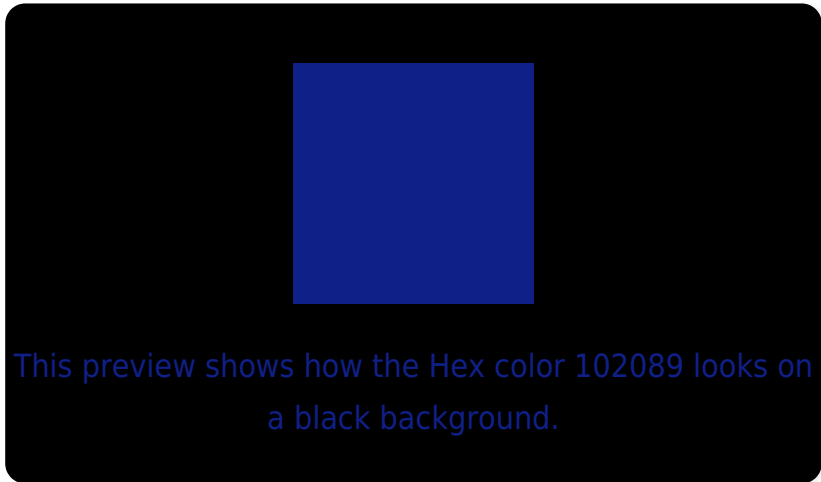
Large Text (above 18pt) WCAG AA ✓ Pass

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

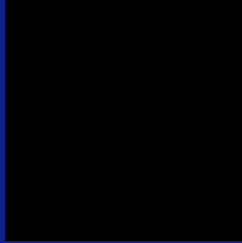
Any Text WCAG AA × Fail

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 102089 Background



This preview shows how black text looks on a background with the Hex color 102089.



This preview shows how white text looks on a background with the Hex color 102089.

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
102089

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
102089

Protanomaly
062A71

Deuteranomaly
062B67

Tritanomaly
062E56

Monochromacy



Original Color
102089

Achromatopsia
272727

Achromatomaly
1F244B

CSS Examples

Text

The CSS property to change the color of the text to Hex 102089 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 #102089 looks like.

```
.text, #text, p{  
    color:#102089  
}
```

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 #102089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102089
}
```

Border

The CSS property to change the border of an element to Hex 102089 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
#102089 }
```

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

```
.border{ border-color:#102089 }
```

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

Here you see how a box with a 4 pixel #102089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102089; -webkit-box-shadow:4px 4px  
4px 4px #102089; box-shadow:4px 4px 4px  
4px #102089 }
```

Background

The CSS property to change the background color of an element to Hex 102089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102089 }
```

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

```
.background{ background-color:#102089 }
```

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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