

Converting Colors

Hex(102694)

Have a look what the booklet for
Hex(102694) contains.

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Color

Hex(102694)

Conversions

Conversions Part 1

Format	Color
Hex	102694
RGB	16, 38, 148
RGB Percent	6%, 15%, 58%
CMY	0.9373, 0.8510, 0.4196
CMYK	0.89, 0.74, 0.00, 0.42
HSL	230°, 80%, 32%
HSV	230°, 89%, 58%
XYZ	6.2521, 3.6345, 28.3890
YIQ	43.9620, -48.4220, 29.5460

Conversions

Conversions Part 2

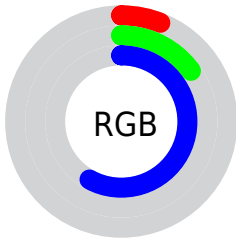
Format	Color
R_{YB}	16, 35, 148
Decimal	1058452
CIE _{Lab}	22.42, 36.21, -61.52
CIE _{LCh}	22, 71.388, 300.483
Yxy	3.6345, 0.1633, 0.0950
Android (android.graphics.Color)	4279248532 (0xFF102694)
YUV	43.9620, 51.2907, -24.5227
Hunter-Lab	19.0644, 25.1758, -74.9444

Details

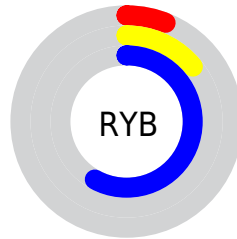
The Hex color **102694** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **947E10**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5A54CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **011A94**, and if you desaturate by 10%, it is **1F3294**.

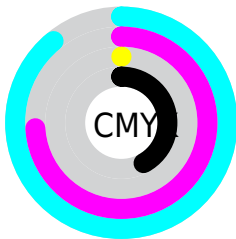
Distribution



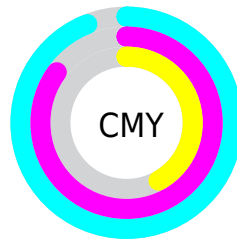
- Red (6%)
- Green (15%)
- Blue (58%)



- Red (6%)
- Yellow (14%)
- Blue (58%)



- Cyan (89%)
- Magenta (74%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (85%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 102694 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 102694 by changing the saturation by 10% instead.

■ 102694

■ 102694

FFFFFF

■ 00117A

■ 5A54CB

■ 000060

■ 786CE8

■ 000547

■ 9586FF

■ 000430

■ B2A0FF

■ 00011A

■ D0BBFF

■ 000000

■ EDD7FF

■ FFF3FF

■ 102694

■ 102694

■ 011A94

■ 1F3294

■ 001994

■ 2E3F94

■ 3C4B94

■ 4B5794

■ 5A6494

■ 697094

■ 787C94

■ 868994

■ 959594

Harmonies

Analogous

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



003FA4



102694



71006B

Triad

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



102694



6A1700



004735

Complementary

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



102694



947E10

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.



004500



102694



423500

Square

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



102694



840000



004100



00496B

Rectangle

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



102694



850049



004100



004722

Sweetspot

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



102694



8C94BF



10947E



424761



E0E0E0



616161

Same Dimension

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



102694



0020BF



3C1094



43444A



00178A



00020A

Inverse Universe

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



941026



BF0020



689410



4A4344



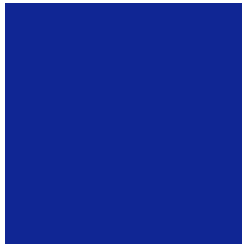
8A0017



0A0002

Previews

White Background



This preview shows how the Hex color 102694 looks on a white background.

Color Contrast Check

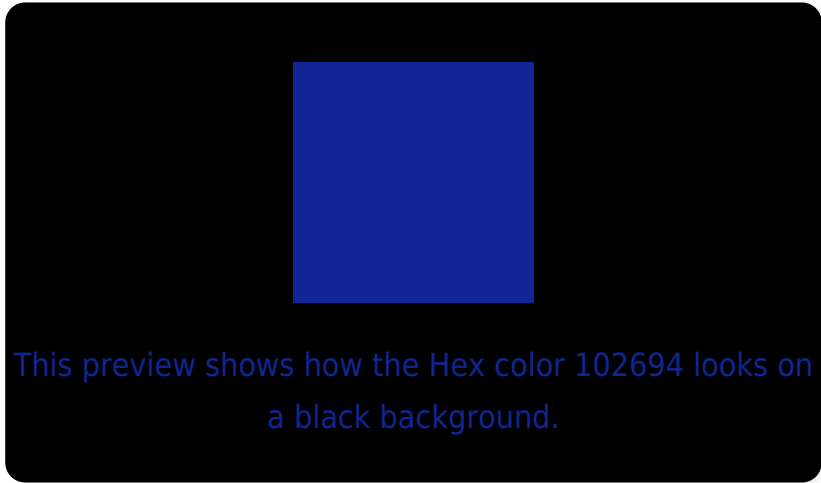
Large Text (above 18pt) WCAG AA ✓ Pass

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

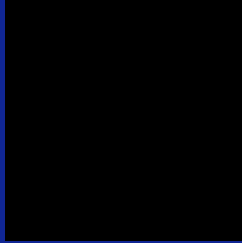
Any Text WCAG AA × Fail

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 102694 Background



This preview shows how black text looks on a background with the Hex color 102694.



This preview shows how white text looks on a background with the Hex color 102694.

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
102694

Protanopia
00346E

Deuteranopia
00385D



Tritanopia
003C3F

Trichromacy



Original Color
102694

Protanomaly
062F7C

Deuteranomaly
063171

Tritanomaly
06345E

Monochromacy



Original Color
102694

Achromatopsia
2C2C2C

Achromatomaly
222A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 102694 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 #102694 looks like.

```
.text, #text, p{  
    color:#102694  
}
```

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 #102694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #102694
}
```

Border

The CSS property to change the border of an element to Hex 102694 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
#102694 }
```

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

```
.border{ border-color:#102694 }
```

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

Here you see how a box with a 4 pixel #102694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #102694; -webkit-box-shadow:4px 4px  
4px 4px #102694; box-shadow:4px 4px 4px  
4px #102694 }
```

Background

The CSS property to change the background color of an element to Hex 102694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#102694 }
```

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

```
.background{ background-color:#102694 }
```

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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