

Converting Colors

Hex(103995)

Have a look what the booklet for
Hex(103995) contains.

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Color

Hex(103995)

Conversions

Conversions Part 1

Format	Color
Hex	103995
RGB	16, 57, 149
RGB Percent	6%, 22%, 58%
CMY	0.9373, 0.7765, 0.4157
CMYK	0.89, 0.62, 0.00, 0.42
HSL	222°, 81%, 32%
HSV	222°, 89%, 58%
XYZ	7.1016, 5.2063, 29.0644
YIQ	55.2290, -53.9680, 19.9200

Conversions

Conversions Part 2

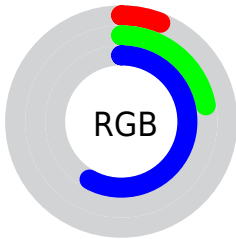
Format	Color
R _Y B	16, 47, 149
Decimal	1063317
CIE Lab	27.31, 23.89, -54.09
CIE LCh	27, 59.135, 293.829
Yxy	5.2063, 0.1717, 0.1258
Android (android.graphics.Color)	4279253397 (0xFF103995)
YUV	55.2290, 46.2291, -34.4038
Hunter-Lab	22.8174, 15.6254, -59.5503

Details

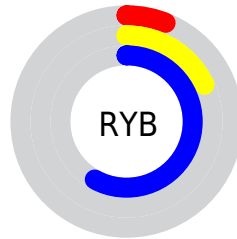
The Hex color **103995** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **956C10**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5967CC**, and **001161** is the 20% darker color. If you saturate the color by 10%, you get **012F95**, and if you desaturate by 10%, it is **1F4395**.

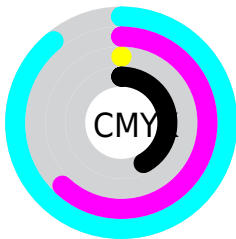
Distribution



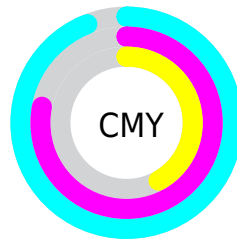
- Red (6%)
- Green (22%)
- Blue (58%)



- Red (6%)
- Yellow (18%)
- Blue (58%)



- Cyan (89%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103995 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 103995 by changing the saturation by 10% instead.

■ 103995

■ 103995

FFFFFF

■ 00247B

■ 5967CC

■ 001161

■ 7680E9

■ 000049

■ 939AFF

■ 000431

■ B0B5FF

■ 00011B

■ CDD1FF

■ 000000

■ EBEDFF

■ 103995

■ 103995

■ 012F95

■ 1F4395

■ 002E95

■ 2E4E95

■ 3D5895

■ 4C6295

■ 5A6D95

■ 697795

■ 788195

■ 878B95

■ 969695

Harmonies

Analogous

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



004A9C



103995



6B1A77

Triad

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



103995



782400



005235

Complementary

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



103995



956C10

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.



004F00



103995



583C00

Square

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



103995



8A0020



2D4900



005364

Rectangle

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



103995



82005B



2D4900



005125

Sweetspot

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



103995



8D9EC2



10956B



424B61



E0E0E0



616161

Same Dimension

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



103995



003CC2



281095



43454A



002A8A



00030A

Inverse Universe

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



951039



C2003C



7D9510



4A4345



8A002A



0A0003

Previews

White Background



This preview shows how the Hex color 103995 looks on a white background.

Color Contrast Check

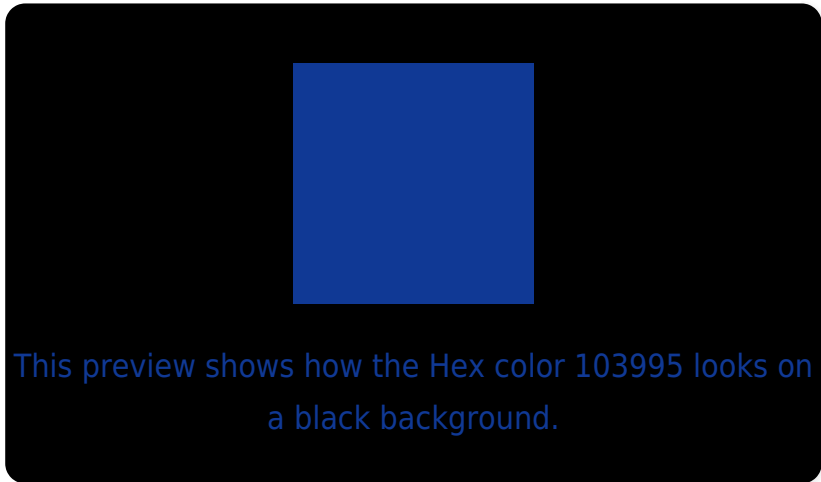
Large Text (above 18pt) WCAG AA ✓ Pass

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

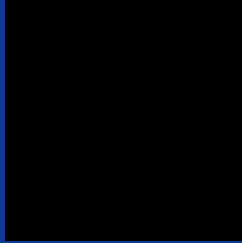
Any Text WCAG AA × Fail

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 103995 Background



This preview shows how black text looks on a background with the Hex color 103995.



This preview shows how white text looks on a background with the Hex color 103995.

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
103995

Protanopia
003E84

Deuteranopia
004271



Tritanopia
00484C

Trichromacy



Original Color
103995

Protanomaly
063C8A

Deuteranomaly
063F7E

Tritanomaly
064367

Monochromacy



Original Color
103995

Achromatopsia
373737

Achromatomaly
293859

CSS Examples

Text

The CSS property to change the color of the text to Hex 103995 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 #103995 looks like.

```
.text, #text, p{  
    color:#103995  
}
```

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 #103995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103995
}
```

Border

The CSS property to change the border of an element to Hex 103995 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
#103995 }
```

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

```
.border{ border-color:#103995 }
```

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

Here you see how a box with a 4 pixel #103995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103995; -webkit-box-shadow:4px 4px  
4px 4px #103995; box-shadow:4px 4px 4px  
4px #103995 }
```

Background

The CSS property to change the background color of an element to Hex 103995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103995 }
```

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

```
.background{ background-color:#103995 }
```

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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