

Converting Colors

Hex(103E97)

Have a look what the booklet for
Hex(103E97) contains.

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Color

Hex(103E97)

Conversions

Conversions Part 1

Format	Color
Hex	103E97
RGB	16, 62, 151
RGB Percent	6%, 24%, 59%
CMY	0.9373, 0.7569, 0.4078
CMYK	0.89, 0.59, 0.00, 0.41
HSL	220°, 81%, 33%
HSV	220°, 89%, 59%
XYZ	7.5222, 5.7898, 29.9992
YIQ	58.3920, -55.9850, 17.9270

Conversions

Conversions Part 2

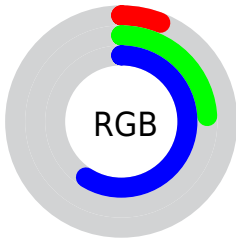
Format	Color
R_{YB}	16, 50, 151
Decimal	1064599
CIE _{Lab}	28.88, 21.24, -52.77
CIE _{LCh}	29, 56.883, 291.926
Yxy	5.7898, 0.1737, 0.1337
Android (android.graphics.Color)	4279254679 (0xFF103E97)
YUV	58.3920, 45.6557, -37.1778
Hunter-Lab	24.0619, 13.6941, -57.0764

Details

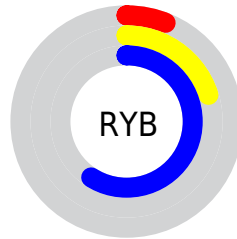
The Hex color **103E97** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **976910**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **596DCE**, and **001663** is the 20% darker color. If you saturate the color by 10%, you get **013497**, and if you desaturate by 10%, it is **1F4897**.

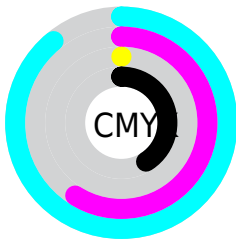
Distribution



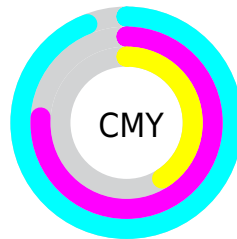
- Red (6%)
- Green (24%)
- Blue (59%)



- Red (6%)
- Yellow (20%)
- Blue (59%)



- Cyan (89%)
- Magenta (59%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (76%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 103E97 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 103E97 by changing the saturation by 10% instead.

■ 103E97

■ 103E97

FFFFFF

■ 00297D

■ 596DCE

■ 001663

■ 7686EB

■ 00004B

■ 93A0FF

■ 000433

■ B0BBFF

■ 00021D

■ CDD7FF

■ 000000

■ EBF3FF

■ 103E97

■ 103E97

■ 013497

■ 1F4897

■ 003397

■ 2E5297

■ 3D5C97

■ 4C6697

■ 5C7097

■ 6B7A97

■ 7A8497

■ 898E97

■ 989897

Harmonies

Analogous

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



004D9C



103E97



6B237B

Triad

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



103E97



7C2800



005536

Complementary

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



103E97



976910

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.



005202



103E97



5E3E00

Square

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



103E97



8D0027



364B00



005664

Rectangle

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



103E97



830660



364B00



005527

Sweetspot

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



103E97



8FA1C4



109768



444E63



E3E3E3



636363

Same Dimension

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



103E97



0043C4



241097



45474D



00308C



00040D

Inverse Universe

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



97103E



C40043



839710



4D4547



8C0030



0D0004

Previews

White Background



This preview shows how the Hex color 103E97 looks on a white background.

Color Contrast Check

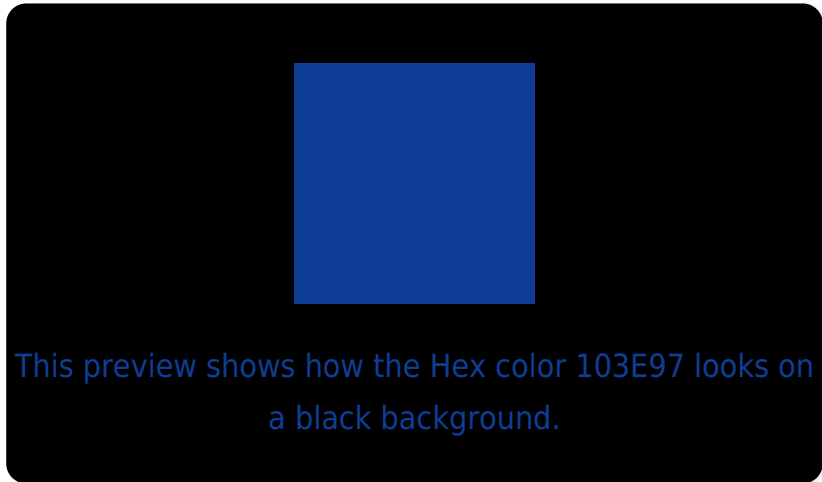
Large Text (above 18pt) WCAG AA ✓ Pass

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

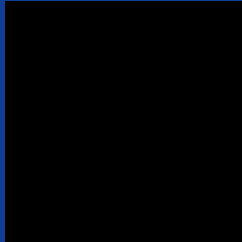
Any Text WCAG AA × Fail

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 103E97 Background



This preview shows how black text looks on a background with the Hex color 103E97.



This preview shows how white text looks on a background with the Hex color 103E97.

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
103E97

Protanopia
00428B

Deuteranopia
004677



Tritanopia
004C50

Trichromacy



Original Color
103E97

Protanomaly
06418F

Deuteranomaly
064383

Tritanomaly
06476A

Monochromacy



Original Color
103E97

Achromatopsia
3A3A3A

Achromatomaly
2B3B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 103E97 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 #103E97 looks like.

```
.text, #text, p{  
    color:#103E97  
}
```

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 #103E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #103E97
}
```

Border

The CSS property to change the border of an element to Hex 103E97 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
#103E97 }
```

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

```
.border{ border-color:#103E97 }
```

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

Here you see how a box with a 4 pixel #103E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #103E97; -webkit-box-shadow:4px 4px  
4px 4px #103E97; box-shadow:4px 4px 4px  
4px #103E97 }
```

Background

The CSS property to change the background color of an element to Hex 103E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#103E97 }
```

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

```
.background{ background-color:#103E97 }
```

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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