

Converting Colors

Hex(104E7C)

Have a look what the booklet for
Hex(104E7C) contains.

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Color

Hex(104E7C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 104E7C |
| RGB | 16, 78, 124 |
| RGB Percent | 6%, 31%, 49% |
| CMY | 0.9373, 0.6941, 0.5137 |
| CMYK | 0.87, 0.37, 0.00, 0.51 |
| HSL | 206°, 77%, 27% |
| HSV | 206°, 87%, 49% |
| XYZ | 6.5762, 7.0142, 20.0761 |
| YIQ | 64.7060, -51.7180, 1.1620 |

Conversions

Conversions Part 2

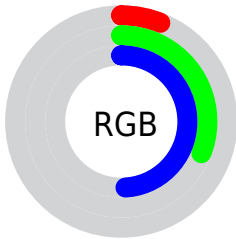
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 16, 55, 124 |
| Decimal | 1068668 |
| CIELab | 31.84, -0.94, -31.35 |
| CIELCh | 32, 31.366, 268.286 |
| Yxy | 7.0142, 0.1953, 0.2083 |
| Android (android.graphics.Color) | 4279258748 (0xFF104E7C) |
| YUV | 64.7060, 29.2319, -42.7152 |
| Hunter-Lab | 26.4843, -2.0252, -26.4050 |

Details

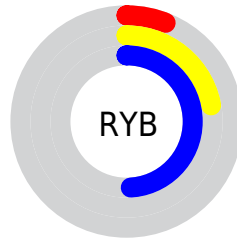
The Hex color **104E7C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7C3E10**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **517FB1**, and **00224B** is the 20% darker color. If you saturate the color by 10%, you get **04497C**, and if you desaturate by 10%, it is **1C537C**.

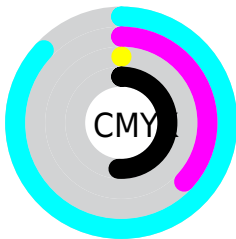
Distribution



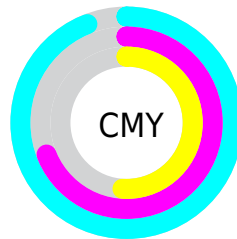
- Red (6%)
- Green (31%)
- Blue (49%)



- Red (6%)
- Yellow (22%)
- Blue (49%)



- Cyan (87%)
- Magenta (37%)
- Yellow (0%)
- Black (51%)



- Cyan (94%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104E7C 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 104E7C by changing the saturation by 10% instead.

■ 104E7C

■ 104E7C

FFFFFF

■ 003763

■ 517FB1

■ 00224B

■ 6C99CC

■ 000C34

■ 88B3E9

■ 00021E

■ A4CFFF

■ 000000

■ C0EBFF

■ DDFFFF

■ FBFFFF

■ 104E7C

■ 104E7C

■ 04497C

■ 1C537C

■ 00477C

■ 29597C

■ 355E7C

■ 42637C

■ 4E687C

■ 5A6E7C

■ 67737C

■ 73787C

■ 807E7C

Harmonies

Analogous

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



005474



104E7C



4A4576

Triad

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



104E7C



783835



215530

Complementary

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



104E7C



7C3E10

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.



41501D



104E7C



6D4021

Square

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



104E7C



77354D



5A4917



005749

Rectangle

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



104E7C



5F3E6C



5A4917



2E5429

Sweetspot

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



104E7C



778FA1



107C3D



384752



D1D1D1



525252

Same Dimension

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



104E7C



005CA1



10197C



373B3D



00487D



0091FC

Inverse Universe

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



7C104E



A1005C



7C7310



3D373B



7D0048



FC0091

Previews

White Background



This preview shows how the Hex color 104E7C looks on a white background.

Color Contrast Check

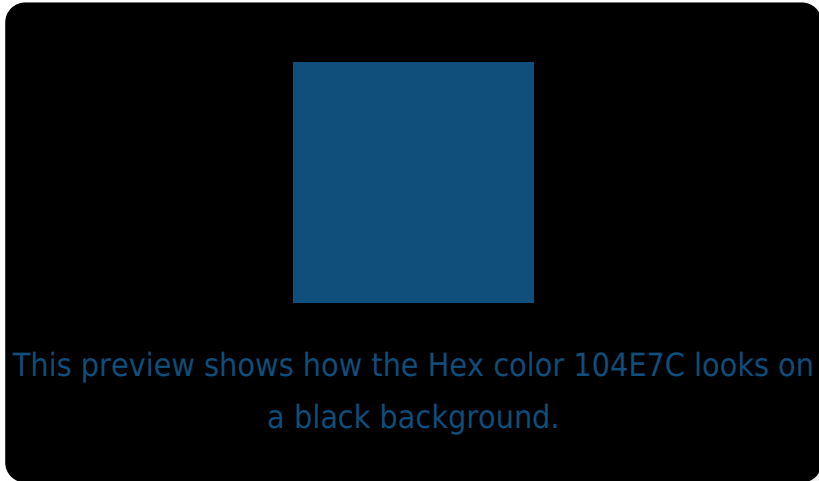
Large Text (above 18pt) WCAG AA ✓ Pass

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

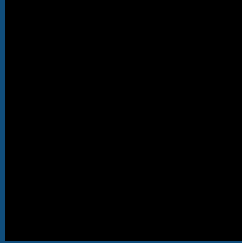
Any Text WCAG AA × Fail

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 104E7C Background



This preview shows how black text looks on a background with the Hex color 104E7C.



This preview shows how white text looks on a background with the Hex color 104E7C.

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



Trichromacy



Original Color
104E7C

Protanomaly
2A4B79

Deuteranomaly
214C7D

Tritanomaly
065166

Monochromacy



Original Color
104E7C

Achromatopsia
414141

Achromatomaly
2F4656

CSS Examples

Text

The CSS property to change the color of the text to Hex 104E7C 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 #104E7C looks like.

```
.text, #text, p{  
    color:#104E7C  
}
```

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 #104E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104E7C
}
```

Border

The CSS property to change the border of an element to Hex 104E7C 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
#104E7C }
```

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

```
.border{ border-color:#104E7C }
```

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

Here you see how a box with a 4 pixel #104E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104E7C; -webkit-box-shadow:4px 4px  
4px 4px #104E7C; box-shadow:4px 4px 4px  
4px #104E7C }
```

Background

The CSS property to change the background color of an element to Hex 104E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104E7C }
```

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

```
.background{ background-color:#104E7C }
```

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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