

Converting Colors

Hex(114E7A)

Have a look what the booklet for
Hex(114E7A) contains.

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Color

Hex(114E7A)

Conversions

Conversions Part 1

Format	Color
Hex	114E7A
RGB	17, 78, 122
RGB Percent	7%, 31%, 48%
CMY	0.9333, 0.6941, 0.5216
CMYK	0.86, 0.36, 0.00, 0.52
HSL	205°, 76%, 27%
HSV	205°, 86%, 48%
XYZ	6.4684, 6.9731, 19.4174
YIQ	64.7770, -50.4800, 0.7520

Conversions

Conversions Part 2

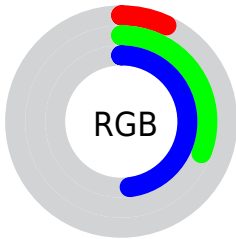
Format	Color
R_{YB}	17, 56, 122
Decimal	1134202
CIE _{Lab}	31.75, -1.66, -30.25
CIE _{LCh}	32, 30.300, 266.855
Yxy	6.9731, 0.1969, 0.2122
Android (android.graphics.Color)	4279324282 (0xFF114E7A)
YUV	64.7770, 28.2109, -41.9004
Hunter-Lab	26.4066, -2.4873, -25.1126

Details

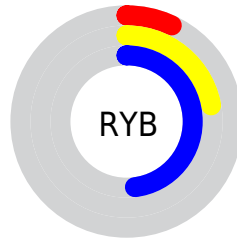
The Hex color **114E7A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A3D11**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **507FAF**, and **002249** is the 20% darker color. If you saturate the color by 10%, you get **05497A**, and if you desaturate by 10%, it is **1D537A**.

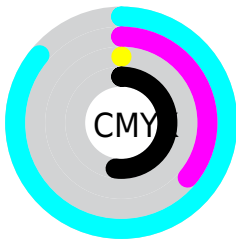
Distribution



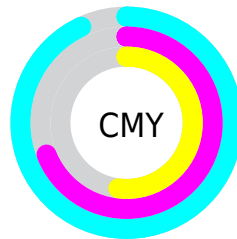
- Red (7%)
- Green (31%)
- Blue (48%)



- Red (7%)
- Yellow (22%)
- Blue (48%)



- Cyan (86%)
- Magenta (36%)
- Yellow (0%)
- Black (52%)



- Cyan (93%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114E7A 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 114E7A by changing the saturation by 10% instead.

■ 114E7A

■ 114E7A

FFFFFF

■ 003761

■ 507FAF

■ 002249

■ 6C99CA

■ 000C32

■ 88B3E6

■ 00021C

■ A3CFFF

■ 000000

■ C0EBFF

■ DDFFFF

■ FAFFFF

■ 114E7A

■ 114E7A

■ 05497A

■ 1D537A

■ 00477A

■ 29587A

■ 365D7A

■ 42627A

■ 4E687A

■ 5A6D7A

■ 66727A

■ 73777A

■ 7F7C7A

Harmonies

Analogous

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



005472



114E7A



484575

Triad

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



114E7A



763837



255430

Complementary

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



114E7A



7A3D11

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.



43501E



114E7A



6C4023

Square

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



114E7A



75364E



5A4919



005647

Rectangle

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



114E7A



5D3F6B



5A4919



305329

Sweetspot

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



114E7A



758D9E



117A3D



37454F



CFCFCF



4F4F4F

Same Dimension

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



114E7A



005C9E



111A7A



373B3D



00497D



0093FC

Inverse Universe

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



7A114E



9E005C



7A7111



3D373B



7D0049



FC0093

Previews

White Background



This preview shows how the Hex color 114E7A looks on a white background.

Color Contrast Check

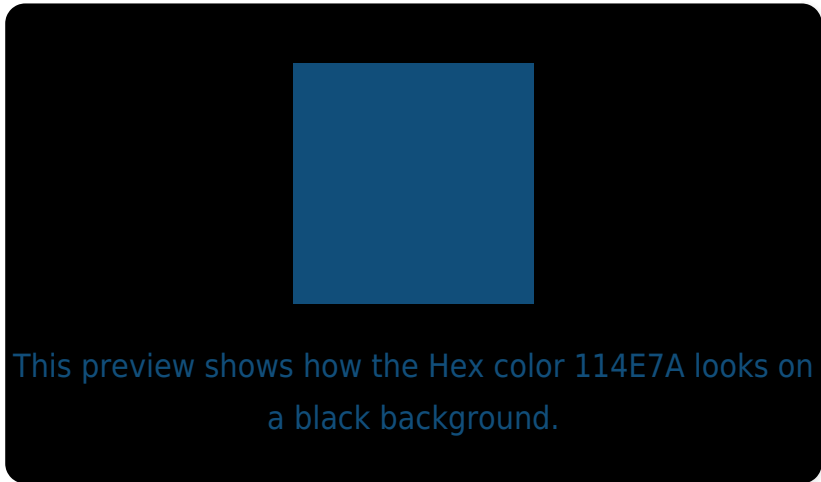
Large Text (above 18pt) WCAG AA ✓ Pass

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 114E7A Background



This preview shows how black text looks on a background with the Hex color 114E7A.



This preview shows how white text looks on a background with the Hex color 114E7A.

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
114E7A

Protanopia
3A4976

Deuteranopia
2C4B7B

Trichromacy



Original Color
114E7A

Protanomaly
2B4B77

Deuteranomaly
224C7B

Tritanomaly
065165

Monochromacy



Original Color
114E7A

Achromatopsia
414141

Achromatomaly
304656

CSS Examples

Text

The CSS property to change the color of the text to Hex 114E7A 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 #114E7A looks like.

```
.text, #text, p{  
    color:#114E7A  
}
```

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 #114E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114E7A
}
```

Border

The CSS property to change the border of an element to Hex 114E7A 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
#114E7A }
```

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

```
.border{ border-color:#114E7A }
```

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

Here you see how a box with a 4 pixel #114E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114E7A; -webkit-box-shadow:4px 4px  
4px 4px #114E7A; box-shadow:4px 4px 4px  
4px #114E7A }
```

Background

The CSS property to change the background color of an element to Hex 114E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114E7A }
```

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

```
.background{ background-color:#114E7A }
```

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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