

Converting Colors

Hex(122E5E)

Have a look what the booklet for
Hex(122E5E) contains.

Hex(122E5E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(122E5E)

Conversions

Conversions Part 1

Format	Color
Hex	122E5E
RGB	18, 46, 94
RGB Percent	7%, 18%, 37%
CMY	0.9294, 0.8196, 0.6314
CMYK	0.81, 0.51, 0.00, 0.63
HSL	218°, 68%, 22%
HSV	218°, 81%, 37%
XYZ	3.2468, 2.8907, 10.9765
YIQ	43.1000, -32.0960, 8.9920

Conversions

Conversions Part 2

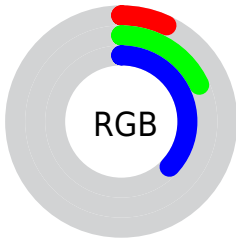
Format	Color
RYB	18, 38, 94
Decimal	1191518
CIELab	19.60, 8.78, -31.70
CIELCh	20, 32.895, 285.485
Yxy	2.8907, 0.1897, 0.1689
Android (android.graphics.Color)	4279381598 (0xFF122E5E)
YUV	43.1000, 25.0937, -22.0127
Hunter-Lab	17.0022, 4.3335, -26.3758

Details

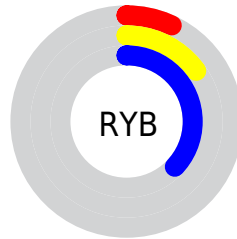
The Hex color **122E5E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E4212**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **4A5B91**, and **000030** is the 20% darker color. If you saturate the color by 10%, you get **09285E**, and if you desaturate by 10%, it is **1B345E**.

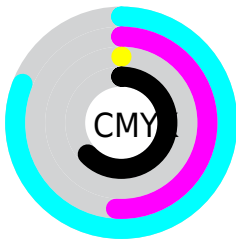
Distribution



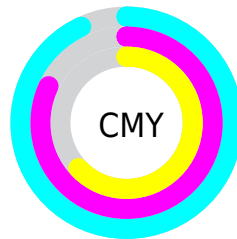
- Red (7%)
- Green (18%)
- Blue (37%)



- Red (7%)
- Yellow (15%)
- Blue (37%)



- Cyan (81%)
- Magenta (51%)
- Yellow (0%)
- Black (63%)



- Cyan (93%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122E5E 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 122E5E by changing the saturation by 10% instead.

■ 122E5E

■ 122E5E

FFFFFF

■ 001A46

■ 4A5B91

■ 000030

■ 6474AC

■ 00011A

■ 7E8DC7

■ 000000

■ 99A8E3

■ B5C3FF

■ D1DFFF

■ EEFBFF

■ 122E5E

■ 122E5E

■ 09285E

■ 1B345E

■ 00235E

■ 253A5E

■ 2E405E

■ 38465E

■ 414C5E

■ 4A525E

■ 54585E

■ 5D5D5E

■ 67635E

Harmonies

Analogous

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



00365E



122E5E



402351

Triad

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



122E5E



531F0D



003A23

Complementary

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



122E5E



5E4212

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.



12370A



122E5E



452A00

Square

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



122E5E



5A1624



303200



003A3C

Rectangle

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



122E5E



4F1B44



303200



00391A

Sweetspot

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



122E5E



5D687A



125E41



2B323D



BDBDBD



3D3D3D

Same Dimension

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



122E5E



042F7A



1B125E



292B2E



00286E



0057ED

Inverse Universe

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



5E122E



7A042F



555E12



2E292B



6E0028



ED0057

Previews

White Background



This preview shows how the Hex color 122E5E looks on a white background.

Color Contrast Check

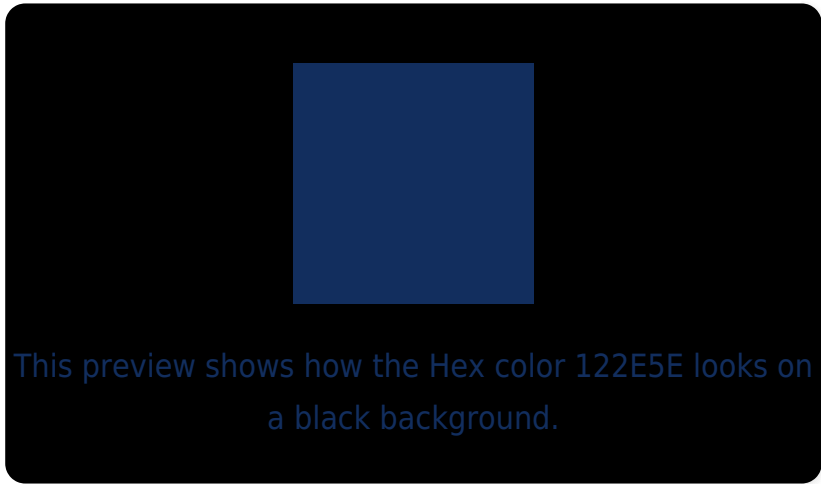
Large Text (above 18pt) WCAG AA ✓ Pass

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

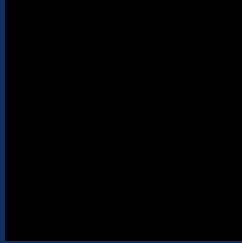
Any Text WCAG AA × Fail

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 122E5E Background



This preview shows how black text looks on a background with the Hex color 122E5E.



This preview shows how white text looks on a background with the Hex color 122E5E.

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

122E5E

Protanopia

112E5E

Deuteranopia

003155

Trichromacy



Original Color
122E5E

Protanomaly
112E5E

Deuteranomaly
073058

Tritanomaly
073246

Monochromacy



Original Color
122E5E

Achromatopsia
2B2B2B

Achromatomaly
222C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 122E5E 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 #122E5E looks like.

```
.text, #text, p{  
    color:#122E5E  
}
```

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 #122E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122E5E
}
```

Border

The CSS property to change the border of an element to Hex 122E5E 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
#122E5E }
```

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

```
.border{ border-color:#122E5E }
```

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

Here you see how a box with a 4 pixel #122E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122E5E; -webkit-box-shadow:4px 4px  
4px 4px #122E5E; box-shadow:4px 4px 4px  
4px #122E5E }
```

Background

The CSS property to change the background color of an element to Hex 122E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122E5E }
```

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

```
.background{ background-color:#122E5E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor