

Converting Colors

Hex(122E57)

Have a look what the booklet for
Hex(122E57) contains.

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Color

Hex(122E57)

Conversions

Conversions Part 1

Format	Color
Hex	122E57
RGB	18, 46, 87
RGB Percent	7%, 18%, 34%
CMY	0.9294, 0.8196, 0.6588
CMYK	0.79, 0.47, 0.00, 0.66
HSL	216°, 66%, 21%
HSV	216°, 79%, 34%
XYZ	2.9467, 2.7707, 9.3963
YIQ	42.3020, -29.8490, 6.8150

Conversions

Conversions Part 2

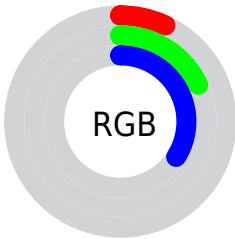
Format	Color
R_{YB}	18, 38, 87
Decimal	1191511
CIE _{Lab}	19.10, 5.78, -27.86
CIE _{LCh}	19, 28.455, 281.712
Yxy	2.7707, 0.1950, 0.1833
Android (android.graphics.Color)	4279381591 (0xFF122E57)
YUV	42.3020, 22.0361, -21.3129
Hunter-Lab	16.6454, 2.4704, -21.8173

Details

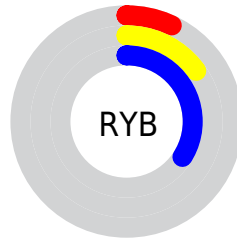
The Hex color **122E57** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **573B12**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **485B89**, and **000129** is the 20% darker color. If you saturate the color by 10%, you get **092957**, and if you desaturate by 10%, it is **1B3357**.

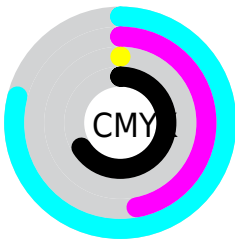
Distribution



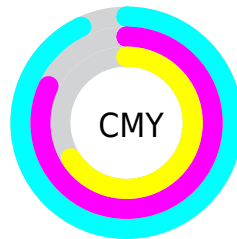
- Red (7%)
- Green (18%)
- Blue (34%)



- Red (7%)
- Yellow (15%)
- Blue (34%)



- Cyan (79%)
- Magenta (47%)
- Yellow (0%)
- Black (66%)



- Cyan (93%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122E57 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 122E57 by changing the saturation by 10% instead.

■ 122E57

■ 122E57

FFFFFF

■ 001A3F

■ 485B89

■ 000129

■ 6174A4

■ 000113

■ 7C8DBF

■ 000000

■ 96A8DB

■ B2C3F7

■ CEDFFF

■ EBFBF7

■ 122E57

■ 122E57

■ 092957

■ 1B3357

■ 012457

■ 233857

■ 002357

■ 2C3E57

■ 354357

■ 3D4857

■ 464D57

■ 4F5257

■ 585757

■ 605D57

Harmonies

Analogous

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



003456



122E57



3A254D

Triad

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



122E57



4F2014



003721

Complementary

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



122E57



573B12

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.



1A350D



122E57



432902

Square

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



122E57



541A27



323000



003836

Rectangle

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



122E57



481F42



323000



00371A

Sweetspot

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



122E57



556070



12573A



282E38



B8B8B8



383838

Same Dimension

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



122E57



063170



181257



27292B



002B6B



005FEB

Inverse Universe

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



57122E



700631



515712



2B2729



6B002B



EB005F

Previews

White Background



This preview shows how the Hex color 122E57 looks on a white background.

Color Contrast Check

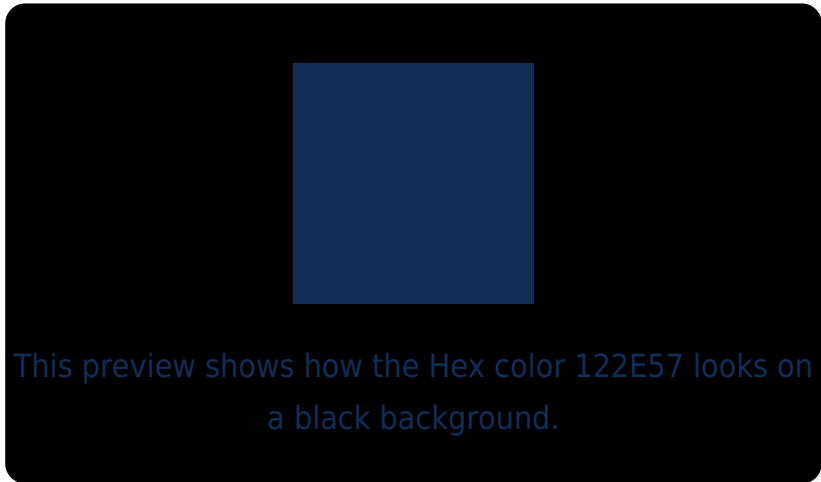
Large Text (above 18pt) WCAG AA ✓ Pass

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

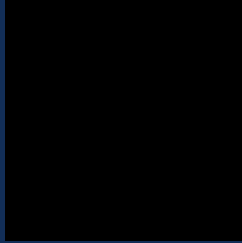
Any Text WCAG AA × Fail

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 122E57 Background



This preview shows how black text looks on a background with the Hex color 122E57.



This preview shows how white text looks on a background with the Hex color 122E57.

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
122E57

Protanopia
192D56

Deuteranopia
003054

Trichromacy



Original Color
122E57

Protanomaly
162D56

Deuteranomaly
072F55

Tritanomaly
073243

Monochromacy



Original Color
122E57

Achromatopsia
2A2A2A

Achromatomaly
212B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 122E57 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 #122E57 looks like.

```
.text, #text, p{  
    color:#122E57  
}
```

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 #122E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122E57  
}
```

Border

The CSS property to change the border of an element to Hex 122E57 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  
#122E57 }
```

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

```
.border{ border-color:#122E57 }
```

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

Here you see how a box with a 4 pixel #122E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122E57; -webkit-box-shadow:4px 4px  
4px 4px #122E57; box-shadow:4px 4px 4px  
4px #122E57 }
```

Background

The CSS property to change the background color of an element to Hex 122E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122E57 }
```

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

```
.background{ background-color:#122E57 }
```

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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