

Converting Colors

Hex(121D46)

Have a look what the booklet for
Hex(121D46) contains.

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Color

Hex(121D46)

Conversions

Conversions Part 1

Format	Color
Hex	121D46
RGB	18, 29, 70
RGB Percent	7%, 11%, 27%
CMY	0.9294, 0.8863, 0.7255
CMYK	0.74, 0.59, 0.00, 0.73
HSL	227°, 59%, 17%
HSV	227°, 74%, 27%
XYZ	1.7943, 1.4495, 5.9796
YIQ	30.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

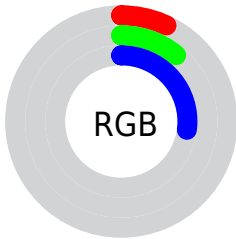
Format	Color
RYB	18, 27, 70
Decimal	1187142
CIELab	12.28, 11.22, -27.26
CIELCh	12, 29.476, 292.379
Yxy	1.4495, 0.1945, 0.1572
Android (android.graphics.Color)	4279377222 (0xFF121D46)
YUV	30.3850, 19.5302, -10.8616
Hunter-Lab	12.0396, 5.5332, -21.0191

Details

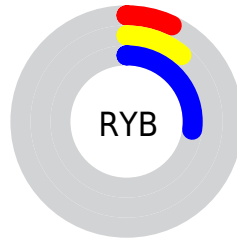
The Hex color **121D46** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **463B12**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **444877**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **0B1746**, and if you desaturate by 10%, it is **192346**.

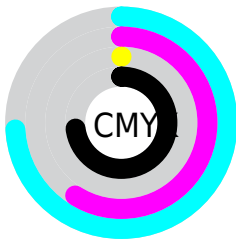
Distribution



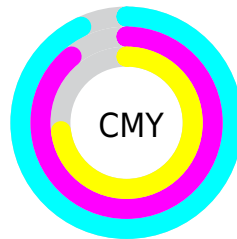
- Red (7%)
- Green (11%)
- Blue (27%)



- Red (7%)
- Yellow (11%)
- Blue (27%)



- Cyan (74%)
- Magenta (59%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121D46 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 121D46 by changing the saturation by 10% instead.

■ 121D46

■ 121D46

FFFFFF

■ 00032F

■ 444877

■ 00011A

■ 5D6091

■ 000000

■ 7679AB

■ 9192C7

■ ACAD E3

■ C8C8FF

■ E4E4FF

■ 121D46

■ 121D46

■ 0B1746

■ 192346

■ 041246

■ 202846

■ 000F46

■ 272E46

■ 2E3346

■ 353946

■ 3C3E46

■ 434446

■ 4A4946

■ 514F46

Harmonies

Analogous

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



002449



121D46



331339

Triad

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



121D46



3C1400



00291A

Complementary

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



121D46



463B12

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.



002700



121D46



2E1D00

Square

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



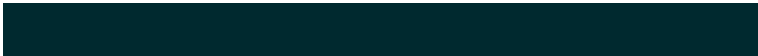
121D46



430A11



1B2300



00292F

Rectangle

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



121D46



3E0B2D



1B2300



002813

Sweetspot

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



121D46



484C5C



12463B



22242E



ADADAD



2E2E2E

Same Dimension

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



121D46



0A1B5C



211246



202124



001563



0030E3

Inverse Universe

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



46121D



5C0A1B



374612



242021



630015



E30030

Previews

White Background



This preview shows how the Hex color 121D46 looks on a white background.

Color Contrast Check

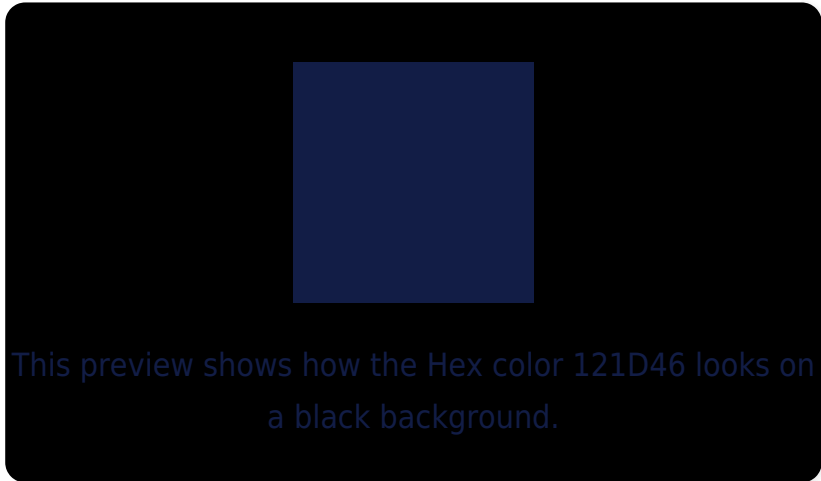
Large Text (above 18pt) WCAG AA ✓ Pass

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

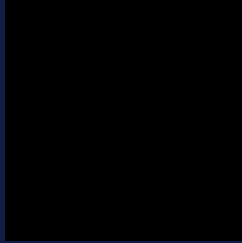
Any Text WCAG AA × Fail

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 121D46 Background



This preview shows how black text looks on a background with the Hex color 121D46.



This preview shows how white text looks on a background with the Hex color 121D46.

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
121D46

Protanopia
001F42

Deuteranopia
002139

Trichromacy



Original Color
121D46

Protanomaly
071E43

Deuteranomaly
07203E

Tritanomaly
072132

Monochromacy



Original Color
121D46

Achromatopsia
1E1E1E

Achromatomaly
1A1E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 121D46 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 #121D46 looks like.

```
.text, #text, p{  
    color:#121D46  
}
```

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 #121D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121D46
}
```

Border

The CSS property to change the border of an element to Hex 121D46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

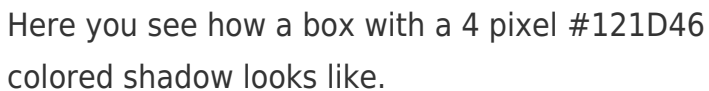
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#121D46 }
```

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

```
.border{ border-color:#121D46 }
```

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



Here you see how a box with a 4 pixel #121D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121D46; -webkit-box-shadow:4px 4px  
4px 4px #121D46; box-shadow:4px 4px 4px  
4px #121D46 }
```

Background

The CSS property to change the background color of an element to Hex 121D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121D46 }
```

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

```
.background{ background-color:#121D46 }
```

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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