

Converting Colors

Hex(121856)

Have a look what the booklet for
Hex(121856) contains.

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Color

Hex(121856)

Conversions

Conversions Part 1

Format	Color
Hex	121856
RGB	18, 24, 86
RGB Percent	7%, 9%, 34%
CMY	0.9294, 0.9059, 0.6627
CMYK	0.79, 0.72, 0.00, 0.66
HSL	235°, 65%, 20%
HSV	235°, 79%, 34%
XYZ	2.2558, 1.4538, 8.9658
YIQ	29.2740, -23.4780, 18.0100

Conversions

Conversions Part 2

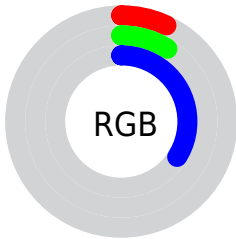
Format	Color
RYB	18, 24, 86
Decimal	1185878
CIELab	12.31, 21.66, -38.20
CIELCh	12, 43.912, 299.554
Yxy	1.4538, 0.1780, 0.1147
Android (android.graphics.Color)	4279375958 (0xFF121856)
YUV	29.2740, 27.9659, -9.8873
Hunter-Lab	12.0572, 12.2959, -35.6485

Details

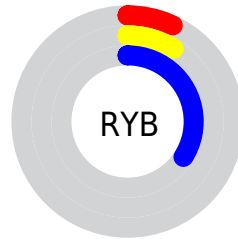
The Hex color **121856** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **565012**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **494389**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **091056**, and if you desaturate by 10%, it is **1B2056**.

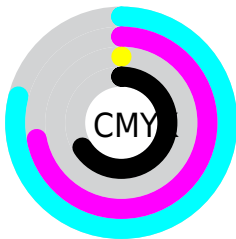
Distribution



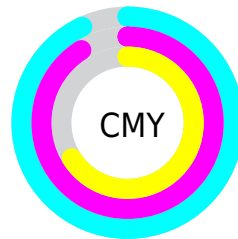
- Red (7%)
- Green (9%)
- Blue (34%)



- Red (7%)
- Yellow (9%)
- Blue (34%)



- Cyan (79%)
- Magenta (72%)
- Yellow (0%)
- Black (66%)



- Cyan (93%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121856 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 121856 by changing the saturation by 10% instead.

■ 121856

■ 121856

■ FFFBFF

■ 00003E

■ 494389

■ 000328

■ 635BA3

■ 000111

■ 7D73BE

■ 000000

■ 998DDA

■ B4A7F7

■ D0C2FF

■ EDDEFF

■ 121856

■ 121856

■ 091056

■ 1B2056

■ 010856

■ 232856

■ 000856

■ 2C3056

■ 343756

■ 3D3F56

■ 464756

■ 4E4F56

■ 575756

■ 5F5F56

Harmonies

Analogous

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



00255E



121856



42003F

Triad

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



121856



401000



002D1F

Complementary

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



121856



565012

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.



002B00



121856



2A1F00

Square

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



121856



4F0000



082700



002D3E

Rectangle

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



121856



4E002C



082700



002C14

Sweetspot

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



121856



555870



12564F



282938



B8B8B8



383838

Same Dimension

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



121856



060F70



2D1256



27272B



00096B



0015EB

Inverse Universe

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



561218



70060F



3B5612



2B2727



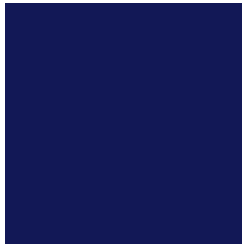
6B0009



EB0015

Previews

White Background



This preview shows how the Hex color 121856 looks on a white background.

Color Contrast Check

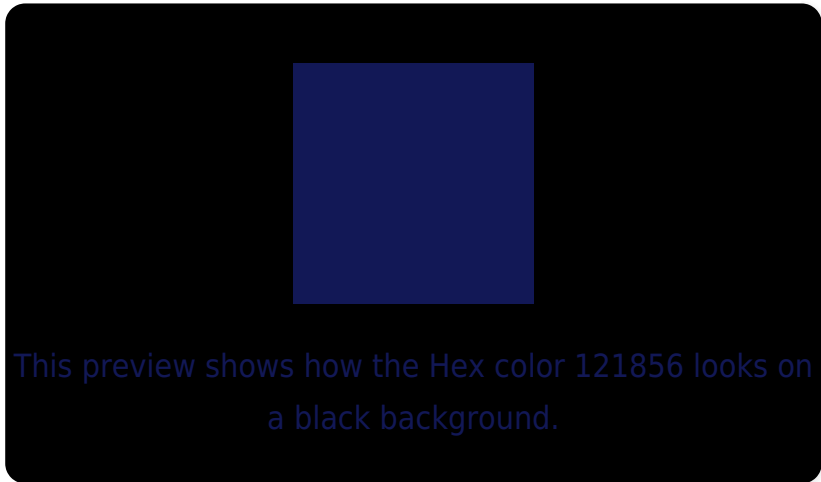
Large Text (above 18pt) WCAG AA ✓ Pass

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

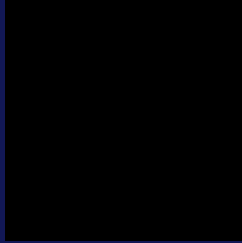
Any Text WCAG AA × Fail

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 121856 Background



This preview shows how black text looks on a background with the Hex color 121856.



This preview shows how white text looks on a background with the Hex color 121856.

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

121856

Protanopia

002043

Deuteranopia

002239

Trichromacy



Original Color
121856

Protanomaly
071D4A

Deuteranomaly
071E44

Tritanomaly
072038

Monochromacy



Original Color
121856

Achromatopsia
1D1D1D

Achromatomaly
191B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 121856 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 #121856 looks like.

```
.text, #text, p{  
    color:#121856  
}
```

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 #121856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121856
}
```

Border

The CSS property to change the border of an element to Hex 121856 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
#121856 }
```

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

```
.border{ border-color:#121856 }
```

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

Here you see how a box with a 4 pixel #121856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121856; -webkit-box-shadow:4px 4px  
4px 4px #121856; box-shadow:4px 4px 4px  
4px #121856 }
```

Background

The CSS property to change the background color of an element to Hex 121856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121856 }
```

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

```
.background{ background-color:#121856 }
```

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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