

Converting Colors

Hex(122346)

Have a look what the booklet for
Hex(122346) contains.

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Color

Hex(122346)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 122346 |
| RGB | 18, 35, 70 |
| RGB Percent | 7%, 14%, 27% |
| CMY | 0.9294, 0.8627, 0.7255 |
| CMYK | 0.74, 0.50, 0.00, 0.73 |
| HSL | 220°, 59%, 17% |
| HSV | 220°, 74%, 27% |
| XYZ | 1.9560, 1.7729, 6.0335 |
| YIQ | 33.9070, -21.3670, 7.2810 |

Conversions

Conversions Part 2

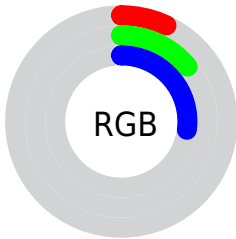
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 18, 31, 70 |
| Decimal | 1188678 |
| CIELab | 14.25, 6.64, -24.10 |
| CIElCh | 14, 24.997, 285.412 |
| Yxy | 1.7729, 0.2004, 0.1816 |
| Android (android.graphics.Color) | 4279378758 (0xFF122346) |
| YUV | 33.9070, 17.7938, -13.9504 |
| Hunter-Lab | 13.3149, 2.9209, -17.5461 |

Details

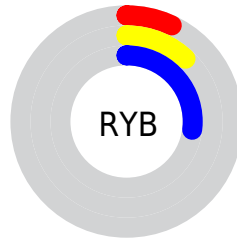
The Hex color **122346** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **463512**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **444F77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **0B1E46**, and if you desaturate by 10%, it is **192846**.

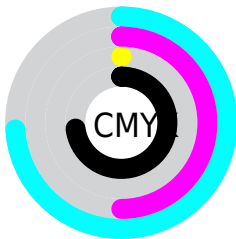
Distribution



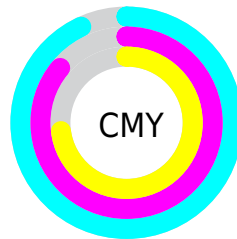
- Red (7%)
- Green (14%)
- Blue (27%)



- Red (7%)
- Yellow (12%)
- Blue (27%)



- Cyan (74%)
- Magenta (50%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122346 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 122346 by changing the saturation by 10% instead.

■ 122346

■ 122346

FFFFFF

■ 000D2F

■ 444F77

■ 00011A

■ 5C6790

■ 000000

■ 7680AB

■ 909AC6

■ ABB5E3

■ C7D0FF

■ E3ECFF

■ 122346

■ 122346

■ 0B1E46

■ 192846

■ 041A46

■ 202C46

■ 001746

■ 273146

■ 2E3646

■ 353B46

■ 3C3F46

■ 434446

■ 4A4946

■ 514D46

Harmonies

Analogous

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



002946



122346



301B3D

Triad

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



122346



3F1909



002C1B

Complementary

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



122346



463512

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.



112A07



122346



352000

Square

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



122346



44131C



262600



002C2D

Rectangle

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



122346



3C1633



262600



002B15

Sweetspot

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



122346



484E5C



124635



22262E



ADADAD



2E2E2E

Same Dimension

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



122346



0A255C



1B1246



202124



002163



004AE3

Inverse Universe

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



461223



5C0A25



3D4612



242021



630021



E3004A

Previews

White Background



This preview shows how the Hex color 122346 looks on a white background.

Color Contrast Check

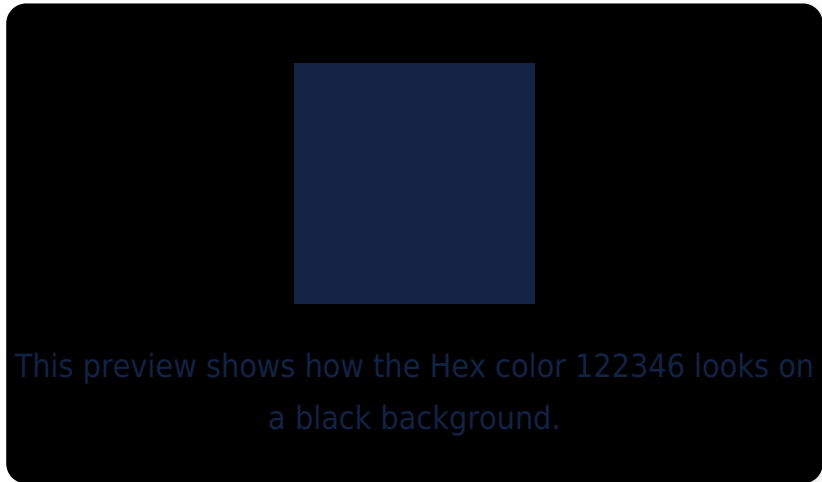
Large Text (above 18pt) WCAG AA ✓ Pass

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

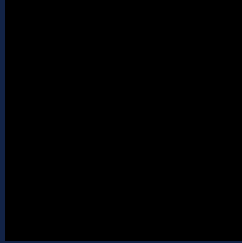
Any Text WCAG AA × Fail

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 122346 Background



This preview shows how black text looks on a background with the Hex color 122346.



This preview shows how white text looks on a background with the Hex color 122346.

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

122346

Protanopia

102346

Deuteranopia

002541



Tritanopia
00282B

Trichromacy



Original Color
122346

Protanomaly
112346

Deuteranomaly
072443

Tritanomaly
072635

Monochromacy



Original Color
122346

Achromatopsia
222222

Achromatomaly
1C222F

CSS Examples

Text

The CSS property to change the color of the text to Hex 122346 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 #122346 looks like.

```
.text, #text, p{  
    color:#122346  
}
```

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 #122346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122346
}
```

Border

The CSS property to change the border of an element to Hex 122346 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
#122346 }
```

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

```
.border{ border-color:#122346 }
```

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

Here you see how a box with a 4 pixel #122346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122346; -webkit-box-shadow:4px 4px  
4px 4px #122346; box-shadow:4px 4px 4px  
4px #122346 }
```

Background

The CSS property to change the background color of an element to Hex 122346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122346 }
```

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

```
.background{ background-color:#122346 }
```

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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