

Converting Colors

Hex(126146)

Have a look what the booklet for
Hex(126146) contains.

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Color

Hex(126146)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 126146 |
| RGB | 18, 97, 70 |
| RGB Percent | 7%, 38%, 27% |
| CMY | 0.9294, 0.6196, 0.7255 |
| CMYK | 0.81, 0.00, 0.28, 0.62 |
| HSL | 159°, 69%, 23% |
| HSV | 159°, 81%, 38% |
| XYZ | 5.6296, 9.1202, 7.2580 |
| YIQ | 70.3010, -38.4170, -25.1450 |

Conversions

Conversions Part 2

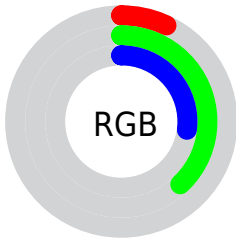
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 18, 66, 97 |
| Decimal | 1204550 |
| CIE _{Lab} | 36.21, -30.16, 8.93 |
| CIE _{LCh} | 36, 31.456, 163.503 |
| Yxy | 9.1202, 0.2558, 0.4144 |
| Android (android.graphics.Color) | 4279394630 (0xFF126146) |
| YUV | 70.3010, -0.1484, -45.8680 |
| Hunter-Lab | 30.1996, -19.5745, 6.8903 |

Details

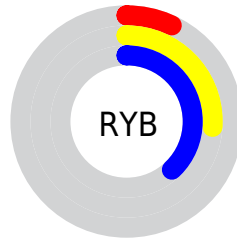
The Hex color **126146** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61122D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4C9476**, and **00311B** is the 20% darker color. If you saturate the color by 10%, you get **086143**, and if you desaturate by 10%, it is **1C6149**.

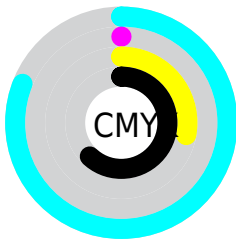
Distribution



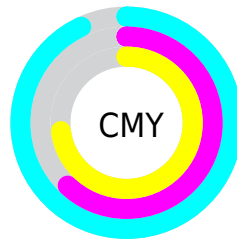
- Red (7%)
- Green (38%)
- Blue (27%)



- Red (7%)
- Yellow (26%)
- Blue (38%)



- Cyan (81%)
- Magenta (0%)
- Yellow (28%)
- Black (62%)



- Cyan (93%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 126146 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 126146 by changing the saturation by 10% instead.

 126146

 126146

FFFFFF

 004930

 4C9476

 00311B

 66AF90

 001E00

 81CBAB

 000000

 9CE7C6

 B8FFE2

 D5FFFE

 F2FFFF

 126146

 126146

■ 086143

■ 1C6149

■ 006140

■ 25614D

■ 2F6150

■ 396153

■ 426157

■ 4C615A

■ 56615D

■ 606161

■ 696164

Harmonies

Analogous

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



3D5E2F



126146



006260

Triad

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



126146



3F5486



7F4634

Complementary

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



126146



61122D

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.



85404B



126146



664A7A

Square

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



126146



005C85



7D4264



704F24

Rectangle

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



126146



006170



7D4264



82433B

Sweetspot

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



126146



5F7D73



2E6112



2D4039



BFBFBF



404040

Same Dimension

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



126146



027D53



125561



2C302F



00704A



00F09E

Inverse Universe

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



61122D



7D022C



611E12



302C2D



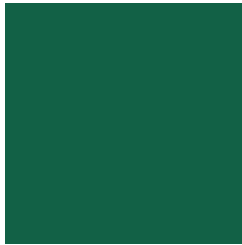
700026



F00052

Previews

White Background



This preview shows how the Hex color 126146 looks on a white background.

Color Contrast Check

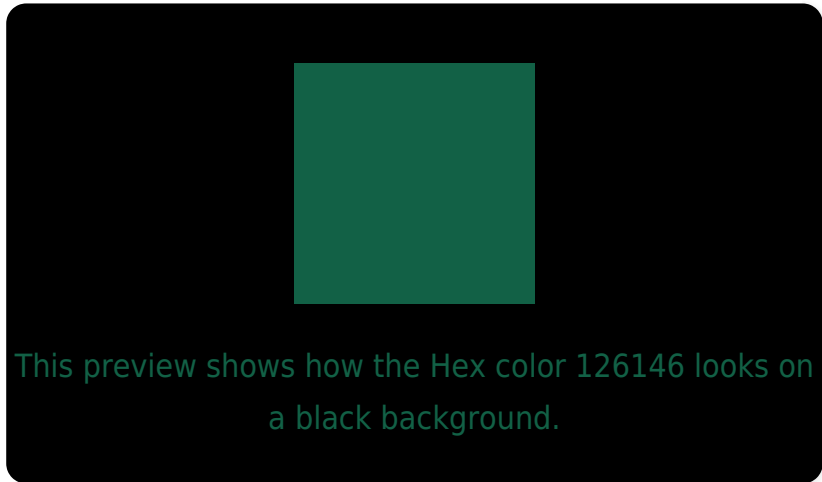
Large Text (above 18pt) WCAG AA ✓ Pass

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

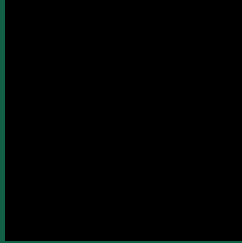
Any Text WCAG AA × Fail

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 126146 Background



This preview shows how black text looks on a background with the Hex color 126146.



This preview shows how white text looks on a background with the Hex color 126146.

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
126146

Protanopia
5B5540

Deuteranopia
615249



Tritanopia
245D65

Trichromacy



Original Color
126146

Protanomaly
405942

Deuteranomaly
445748

Tritanomaly
1D5E5A

Monochromacy



Original Color
126146

Achromatopsia
464646

Achromatomaly
335046

CSS Examples

Text

The CSS property to change the color of the text to Hex 126146 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 #126146 looks like.

```
.text, #text, p{  
    color:#126146  
}
```

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 #126146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #126146
}
```

Border

The CSS property to change the border of an element to Hex 126146 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
#126146 }
```

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

```
.border{ border-color:#126146 }
```

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

Here you see how a box with a 4 pixel #126146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #126146; -webkit-box-shadow:4px 4px  
4px 4px #126146; box-shadow:4px 4px 4px  
4px #126146 }
```

Background

The CSS property to change the background color of an element to Hex 126146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#126146 }
```

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

```
.background{ background-color:#126146 }
```

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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