

Converting Colors

Hex(125280)

Have a look what the booklet for
Hex(125280) contains.

Hex(125280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(125280)

Conversions

Conversions Part 1

Format	Color
Hex	125280
RGB	18, 82, 128
RGB Percent	7%, 32%, 50%
CMY	0.9294, 0.6784, 0.4980
CMYK	0.86, 0.36, 0.00, 0.50
HSL	205°, 75%, 29%
HSV	205°, 86%, 50%
XYZ	7.1630, 7.7217, 21.5350
YIQ	68.1080, -52.9100, 0.7380

Conversions

Conversions Part 2

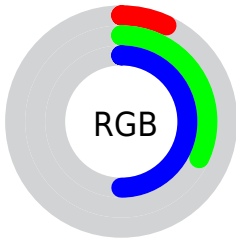
Format	Color
R_{YB}	18, 58, 128
Decimal	1200768
CIE _{Lab}	33.40, -1.72, -31.36
CIE _{LCh}	33, 31.407, 266.865
Yxy	7.7217, 0.1967, 0.2120
Android (android.graphics.Color)	4279390848 (0xFF125280)
YUV	68.1080, 29.5268, -43.9447
Hunter-Lab	27.7879, -2.6161, -26.4967

Details

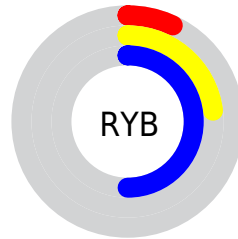
The Hex color **125280** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **804012**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5283B5**, and **00264E** is the 20% darker color. If you saturate the color by 10%, you get **054D80**, and if you desaturate by 10%, it is **1F5780**.

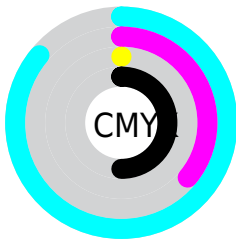
Distribution



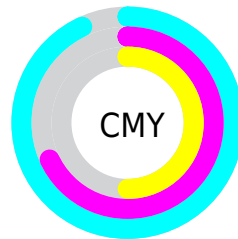
- Red (7%)
- Green (32%)
- Blue (50%)



- Red (7%)
- Yellow (23%)
- Blue (50%)



- Cyan (86%)
- Magenta (36%)
- Yellow (0%)
- Black (50%)



- Cyan (93%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 125280 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 125280 by changing the saturation by 10% instead.

■ 125280

■ 125280

FFFFFF

■ 003B67

■ 5283B5

■ 00264E

■ 6E9DD1

■ 001137

■ 8AB8ED

■ 000221

■ A6D3FF

■ 000007

■ C3F0FF

■ 000000

■ E0FFFF

■ F0FFFF

■ 125280

■ 125280

■ 054D80

■ 1F5780

■ 004A80

■ 2C5D80

■ 386280

■ 456780

■ 526D80

■ 5F7280

■ 6C7780

■ 787D80

■ 858280

Harmonies

Analogous

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



005878



125280



4C497B

Triad

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



125280



7C3B39



275932

Complementary

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



125280



804012

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.



465420



125280



724325

Square

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



125280



7A3952



5F4C1B



005B4B

Rectangle

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



125280



624271



5F4C1B



33572B

Sweetspot

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



125280



7B94A6



128040



3A4954



D4D4D4



545454

Same Dimension

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



125280



0060A6



121B80



393D40



004A80



000000

Inverse Universe

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



801252



A60060



807712



40393D



80004A



000000

Previews

White Background



This preview shows how the Hex color 125280 looks on a white background.

Color Contrast Check

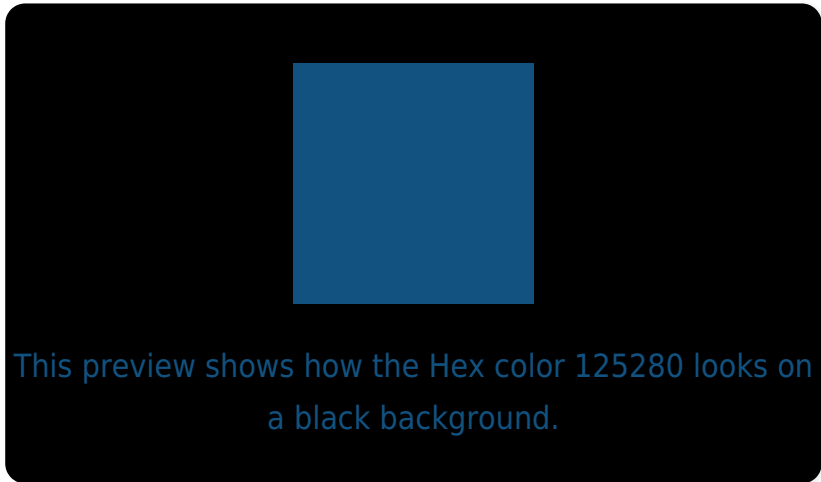
Large Text (above 18pt) WCAG AA ✓ Pass

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

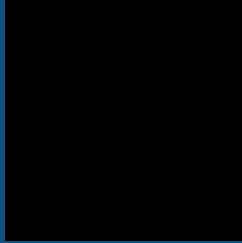
Any Text WCAG AA × Fail

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 125280 Background



This preview shows how black text looks on a background with the Hex color 125280.



This preview shows how white text looks on a background with the Hex color 125280.

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
125280

Protanopia
3D4D7B

Deuteranopia
2F4F81

Trichromacy



Original Color
125280

Protanomaly
2D4F7D

Deuteranomaly
245081

Monochromacy



Original Color
125280

Achromatopsia
444444

Achromatomaly
32495A

CSS Examples

Text

The CSS property to change the color of the text to Hex 125280 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 #125280 looks like.

```
.text, #text, p{  
    color:#125280  
}
```

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 #125280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125280
}
```

Border

The CSS property to change the border of an element to Hex 125280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

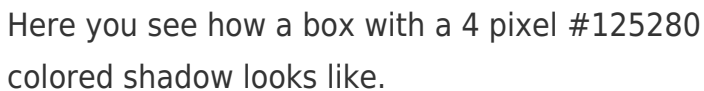
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#125280 }
```

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

```
.border{ border-color:#125280 }
```

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



Here you see how a box with a 4 pixel #125280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125280; -webkit-box-shadow:4px 4px  
4px 4px #125280; box-shadow:4px 4px 4px  
4px #125280 }
```

Background

The CSS property to change the background color of an element to Hex 125280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125280 }
```

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

```
.background{ background-color:#125280 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor