

Converting Colors

Hex(124682)

Have a look what the booklet for
Hex(124682) contains.

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Color

Hex(124682)

Conversions

Conversions Part 1

Format	Color
Hex	124682
RGB	18, 70, 130
RGB Percent	7%, 27%, 51%
CMY	0.9294, 0.7255, 0.4902
CMYK	0.86, 0.46, 0.00, 0.49
HSL	212°, 76%, 29%
HSV	212°, 86%, 51%
XYZ	6.4689, 6.1206, 21.9595
YIQ	61.2920, -50.2520, 7.6360

Conversions

Conversions Part 2

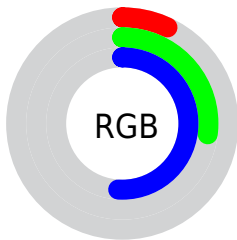
Format	Color
RYB	18, 54, 130
Decimal	1197698
CIELab	29.71, 7.10, -38.47
CIELCh	30, 39.118, 280.452
Yxy	6.1206, 0.1872, 0.1772
Android (android.graphics.Color)	4279387778 (0xFF124682)
YUV	61.2920, 33.8730, -37.9671
Hunter-Lab	24.7399, 3.3786, -35.3089

Details

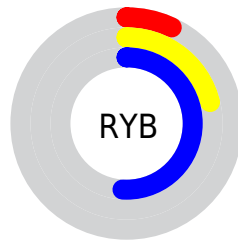
The Hex color **124682** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **824E12**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5376B7**, and **001C50** is the 20% darker color. If you saturate the color by 10%, you get **053F82**, and if you desaturate by 10%, it is **1F4D82**.

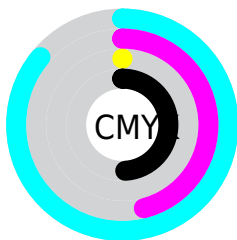
Distribution



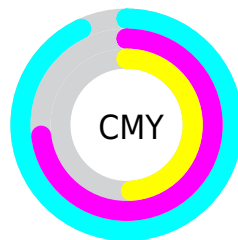
- Red (7%)
- Green (27%)
- Blue (51%)



- Red (7%)
- Yellow (21%)
- Blue (51%)



- Cyan (86%)
- Magenta (46%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124682 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 124682 by changing the saturation by 10% instead.

■ 124682

■ 124682

FFFFFF

■ 003069

■ 5376B7

■ 001C50

■ 6F8FD3

■ 000139

■ 8BAAF0

■ 000222

■ A7C5FF

■ 000009

■ C3E1FF

■ 000000

■ E1FDFF

FEFFFF

■ 124682

■ 124682

■ 053F82

■ 1F4D82

■ 003C82

■ 2C5482

■ 395B82

■ 466282

■ 536982

■ 607082

■ 6D7782

■ 7A7E82

■ 878582

Harmonies

Analogous

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



004F7F



124682



553975

Triad

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



124682



773020



005330

Complementary

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



124682



824E12

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.



294F13



124682



653D07

Square

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



124682



7C273D



4B4800



005450

Rectangle

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



124682



6B3064



4B4800



005226

Sweetspot

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



124682



7D91A8



12824E



3A4654



D4D4D4



545454

Same Dimension

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



124682



004EA8



161282



393C40



003B80



000000

Inverse Universe

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



821246



A8004E



7E8212



40393C



80003B



000000

Previews

White Background



This preview shows how the Hex color 124682 looks on a white background.

Color Contrast Check

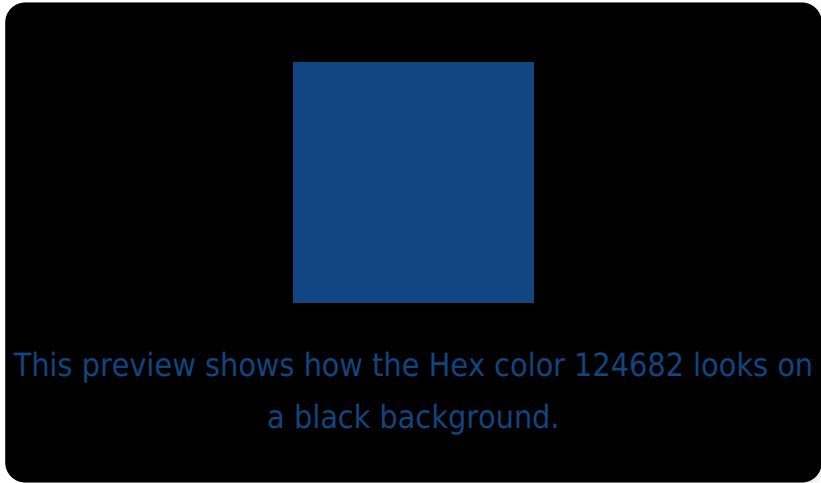
Large Text (above 18pt) WCAG AA ✓ Pass

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 124682 Background



This preview shows how black text looks on a background with the Hex color 124682.



This preview shows how white text looks on a background with the Hex color 124682.

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





Tritanopia
004E53

Trichromacy



Original Color
124682

Protanomaly
204581

Deuteranomaly
07477F

Tritanomaly
074B64

Monochromacy



Original Color
124682

Achromatopsia
3D3D3D

Achromatomaly
2D4056

CSS Examples

Text

The CSS property to change the color of the text to Hex 124682 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 #124682 looks like.

```
.text, #text, p{  
    color:#124682  
}
```

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 #124682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124682
}
```

Border

The CSS property to change the border of an element to Hex 124682 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
#124682 }
```

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

```
.border{ border-color:#124682 }
```

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

Here you see how a box with a 4 pixel #124682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124682; -webkit-box-shadow:4px 4px  
4px 4px #124682; box-shadow:4px 4px 4px  
4px #124682 }
```

Background

The CSS property to change the background color of an element to Hex 124682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124682 }
```

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

```
.background{ background-color:#124682 }
```

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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