

Converting Colors

Hex(124F5B)

Have a look what the booklet for
Hex(124F5B) contains.

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Color

Hex(124F5B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 124F5B |
| RGB | 18, 79, 91 |
| RGB Percent | 7%, 31%, 36% |
| CMY | 0.9294, 0.6902, 0.6431 |
| CMYK | 0.80, 0.13, 0.00, 0.64 |
| HSL | 190°, 67%, 21% |
| HSV | 190°, 80%, 36% |
| XYZ | 4.9338, 6.4759, 10.8875 |
| YIQ | 62.1290, -40.2080, -9.2000 |

Conversions

Conversions Part 2

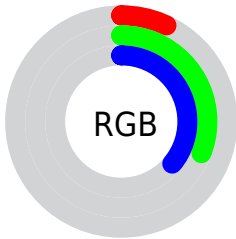
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 18, 51, 91 |
| Decimal | 1199963 |
| CIE _{Lab} | 30.58, -14.27, -12.51 |
| CIE _{LCh} | 31, 18.981, 221.248 |
| Yxy | 6.4759, 0.2213, 0.2904 |
| Android (android.graphics.Color) | 4279390043 (0xFF124F5B) |
| YUV | 62.1290, 14.2334, -38.7011 |
| Hunter-Lab | 25.4478, -9.9264, -7.5529 |

Details

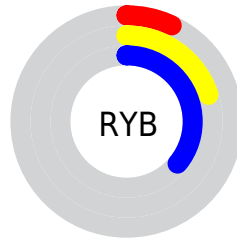
The Hex color **124F5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B1E12**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4A808D**, and **00222D** is the 20% darker color. If you saturate the color by 10%, you get **094E5B**, and if you desaturate by 10%, it is **1B505B**.

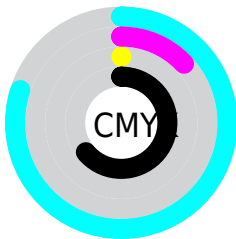
Distribution



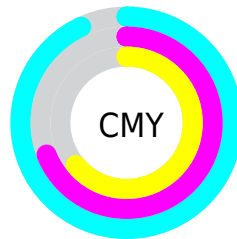
- Red (7%)
- Green (31%)
- Blue (36%)



- Red (7%)
- Yellow (20%)
- Blue (36%)



- Cyan (80%)
- Magenta (13%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124F5B 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 124F5B by changing the saturation by 10% instead.

■ 124F5B

■ 124F5B

FFFFFF

■ 003844

■ 4A808D

■ 00222D

■ 659AA8

■ 000519

■ 7FB5C3

■ 000000

■ 9AD1DF

■ B6EDFB

■ D2FFFF

■ EFFFFFF

■ 124F5B

■ 124F5B

■ 094E5B

■ 1B505B

■ 004C5B

■ 24525B

■ 2D535B

■ 36555B

■ 40565B

■ 49585B

■ 52595B

■ 5B5B5B

■ 645C5B

Harmonies

Analogous

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



18504D



124F5B



244C64

Triad

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



124F5B



5F3E52



4C492B

Complementary

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



124F5B



5B1E12

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.



5A442C



124F5B



653D43

Square

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



124F5B



51425E



633F35



3C4D31

Rectangle

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



124F5B



344965



633F35



51472A

Sweetspot

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



124F5B



597175



125B1D



2A383B



BABABA



3B3B3B

Same Dimension

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



124F5B



056375



122C5B



292D2E



005C6E



00C6ED

Inverse Universe

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



5B124F



750563



5B4112



2E292D



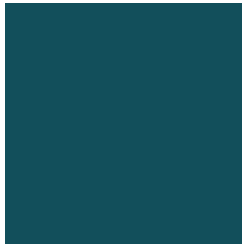
6E005C



ED00C6

Previews

White Background



This preview shows how the Hex color 124F5B looks on a white background.

Color Contrast Check

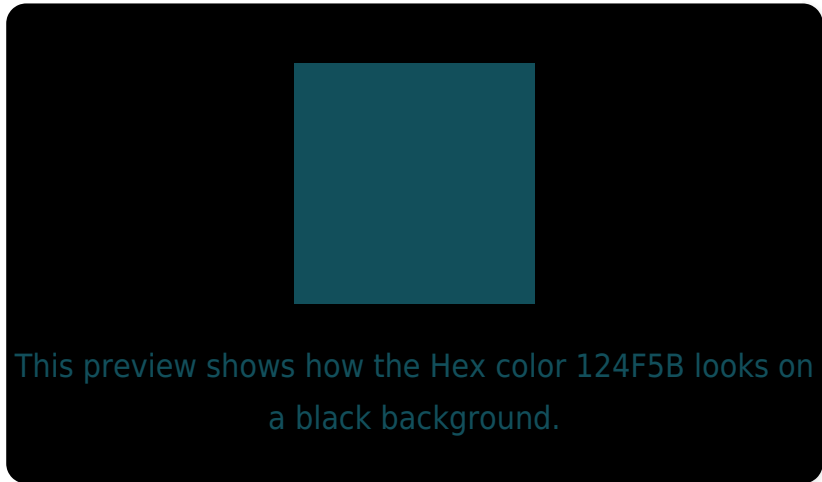
Large Text (above 18pt) WCAG AA ✓ Pass

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

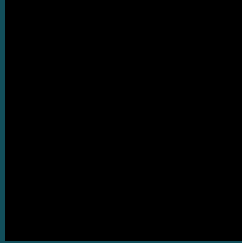
Any Text WCAG AA × Fail

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 124F5B Background



This preview shows how black text looks on a background with the Hex color 124F5B.

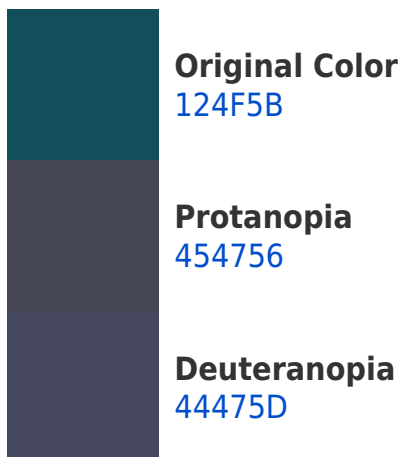


This preview shows how white text looks on a background with the Hex color 124F5B.

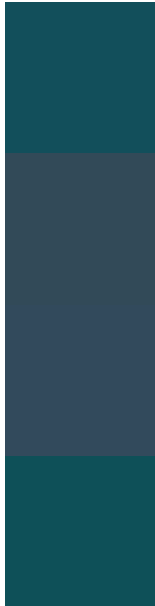
Color Blindness Simulation

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



Trichromacy



Original Color
124F5B

Protanomaly
324A58

Deuteranomaly
324A5C

Tritanomaly
0E5058

Monochromacy



Original Color
124F5B

Achromatopsia
3E3E3E

Achromatomaly
2E4449

CSS Examples

Text

The CSS property to change the color of the text to Hex 124F5B 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 #124F5B looks like.

```
.text, #text, p{  
    color:#124F5B  
}
```

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 #124F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124F5B
}
```

Border

The CSS property to change the border of an element to Hex 124F5B 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
#124F5B }
```

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

```
.border{ border-color:#124F5B }
```

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

Here you see how a box with a 4 pixel #124F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124F5B; -webkit-box-shadow:4px 4px  
4px 4px #124F5B; box-shadow:4px 4px 4px  
4px #124F5B }
```

Background

The CSS property to change the background color of an element to Hex 124F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124F5B }
```

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

```
.background{ background-color:#124F5B }
```

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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