

# Converting Colors

Hex(124E5B)

Have a look what the booklet for  
Hex(124E5B) contains.

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# Color

Hex(124E5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	124E5B
RGB	18, 78, 91
RGB Percent	7%, 31%, 36%
CMY	0.9294, 0.6941, 0.6431
CMYK	0.80, 0.14, 0.00, 0.64
HSL	191°, 67%, 21%
HSV	191°, 80%, 36%
XYZ	4.8622, 6.3327, 10.8636
YIQ	61.5420, -39.9330, -8.6770

# Conversions

## Conversions Part 2

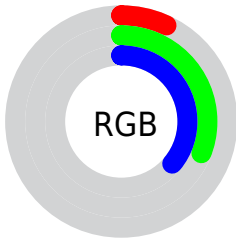
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 51, 91
Decimal	1199707
CIE <sub>Lab</sub>	30.24, -13.69, -13.04
CIE <sub>LCh</sub>	30, 18.906, 223.620
Yxy	6.3327, 0.2204, 0.2871
Android (android.graphics.Color)	4279389787 (0xFF124E5B)
YUV	61.5420, 14.5228, -38.1863
Hunter-Lab	25.1649, -9.5501, -7.9799

# Details

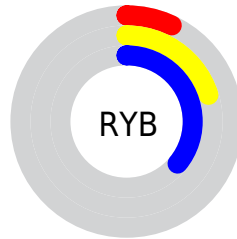
The Hex color **124E5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B1F12**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4A7F8D**, and **00222D** is the 20% darker color. If you saturate the color by 10%, you get **094C5B**, and if you desaturate by 10%, it is **1B505B**.

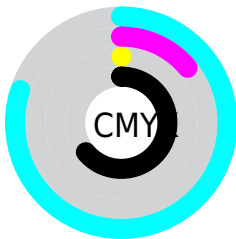
# Distribution



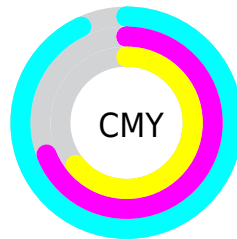
- Red (7%)
- Green (31%)
- Blue (36%)



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



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 124E5B 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 124E5B by changing the saturation by 10% instead.





124E5B



124E5B

FFFFFF



003744



4A7F8D



00222D



6499A8



000319



7FB4C3



000000



9AD0DF



B6ECFB



D2FFFF



FFFFFF



124E5B



124E5B

■ 094C5B

■ 1B505B

■ 004B5B

■ 24515B

■ 2D535B

■ 36545B

■ 40565B

■ 49585B

■ 52595B

■ 5B5B5B

■ 645D5B

# Harmonies

## Analogous

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



164F4E



124E5B



254B63

# Triad

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



124E5B



5F3D50



4A482A

# Complementary

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



124E5B



5B1F12

# 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.



58442B



124E5B



643C41

# Square

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



124E5B



51415D



613F34



3A4C31

# Rectangle

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



124E5B



354864



613F34



4F472A



# Sweetspot

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



124E5B



597075



125B1E



2A383B



BABABA



3B3B3B



# Same Dimension

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



124E5B



056175



122A5B



292D2E



005A6E



00C3ED



# Inverse Universe

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



5B124E



750561



5B4312



2E292D



6E005A

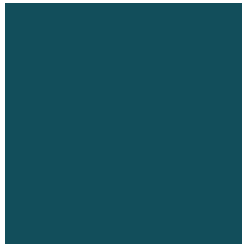


ED00C3



# Previews

## White Background



This preview shows how the Hex color 124E5B looks on a white background.

## Color Contrast Check

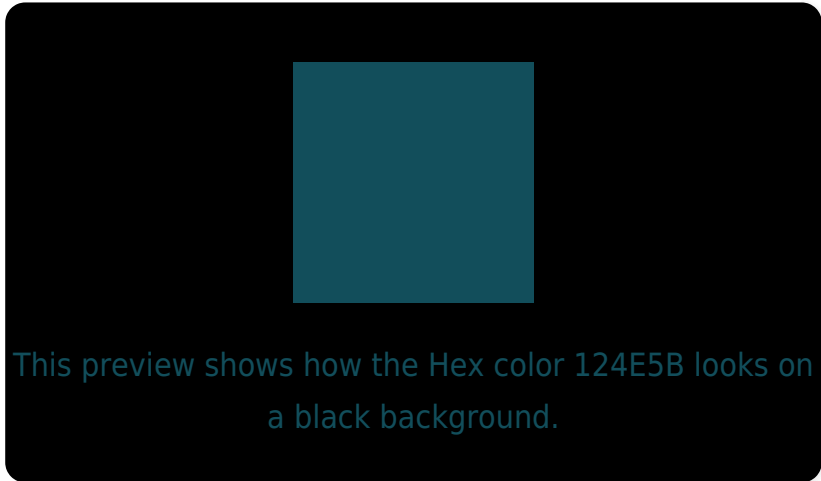
Large Text (above 18pt) WCAG AA ✓ Pass

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

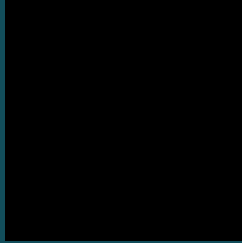
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 124E5B Background



This preview shows how black text looks on a background with the Hex color 124E5B.

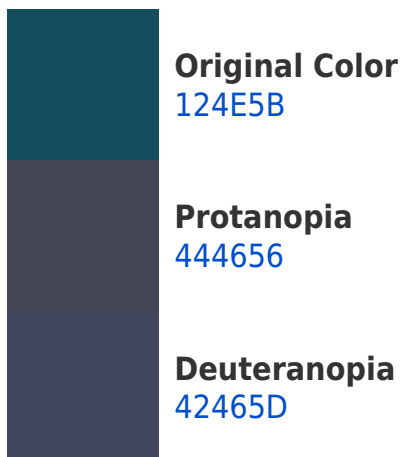


This preview shows how white text looks on a background with the Hex color 124E5B.

# 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](#).

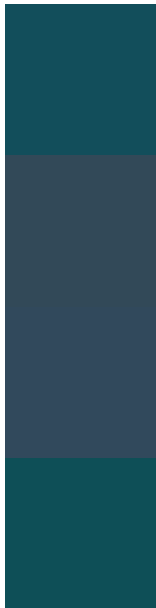
## Dichromacy





**Tritanopia**  
0B4F55

# Trichromacy



**Original Color**  
124E5B

**Protanomaly**  
324958

**Deuteranomaly**  
31495C

**Tritanomaly**  
0E4F57

# Monochromacy



**Original Color**  
124E5B

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
2E4449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 124E5B 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 #124E5B looks like.

```
.text, #text, p{  
    color:#124E5B  
}
```

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 #124E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124E5B
}
```

## Border

The CSS property to change the border of an element to Hex 124E5B 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
#124E5B }
```

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

```
.border{ border-color:#124E5B }
```

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

Here you see how a box with a 4 pixel #124E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124E5B; -webkit-box-shadow:4px 4px  
4px 4px #124E5B; box-shadow:4px 4px 4px  
4px #124E5B }
```

# Background

The CSS property to change the background color of an element to Hex 124E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124E5B }
```

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

```
.background{ background-color:#124E5B }
```

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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