

# Converting Colors

Hex(124F52)

Have a look what the booklet for  
Hex(124F52) contains.

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# Color

Hex(124F52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	124F52
RGB	18, 79, 82
RGB Percent	7%, 31%, 32%
CMY	0.9294, 0.6902, 0.6784
CMYK	0.78, 0.04, 0.00, 0.68
HSL	183°, 64%, 20%
HSV	183°, 78%, 32%
XYZ	4.5684, 6.3298, 8.9636
YIQ	61.1030, -37.3190, -11.9990

# Conversions

## Conversions Part 2

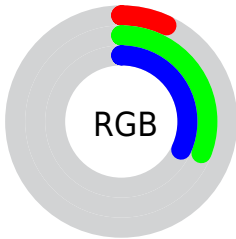
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 49, 82
Decimal	1199954
CIE <sub>Lab</sub>	30.23, -17.47, -7.30
CIE <sub>LCh</sub>	30, 18.934, 202.669
Yxy	6.3298, 0.2300, 0.3187
Android (android.graphics.Color)	4279390034 (0xFF124F52)
YUV	61.1030, 10.3022, -37.8013
Hunter-Lab	25.1590, -11.6159, -3.5125

# Details

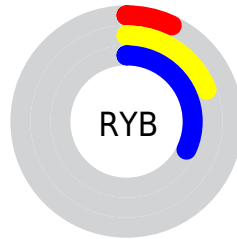
The Hex color **124F52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **521512**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **498083**, and **002225** is the 20% darker color. If you saturate the color by 10%, you get **0A4F52**, and if you desaturate by 10%, it is **1A4F52**.

# Distribution



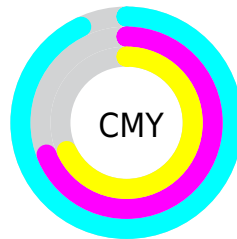
- Red (7%)
- Green (31%)
- Blue (32%)



- Red (7%)
- Yellow (19%)
- Blue (32%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (68%)



- Cyan (93%)
- Magenta (69%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 124F52 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 124F52 by changing the saturation by 10% instead.



 124F52

 124F52

FFFFFF

 00383B

 498083

 002225

 639B9D

 000211

 7DB5B8

 000000

 98D1D4

 B4EDF0

 D0FFFF

 EDFFFF

 124F52

 124F52

■ 0A4F52

■ 1A4F52

■ 024E52

■ 225052

■ 004E52

■ 2B5052

■ 335152

■ 3B5152

■ 435152

■ 4B5252

■ 545252

■ 5C5252

# Harmonies

## Analogous

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



224F43



124F52



164D5E

# Triad

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



124F52



564059



54452A

# Complementary

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



124F52



521512

# 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.



5F4030



124F52



613C4B

# Square

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



124F52



444562



643C3D



464A2C

# Rectangle

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



124F52



254B63



643C3D



59432B



# Sweetspot

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



124F52



526A6B



125214



273536



B5B5B5



363636



# Same Dimension

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



124F52



06666B



123052



252929



006469



00DDE8



# Inverse Universe

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



52124F



6B0666



523412



292529



690064

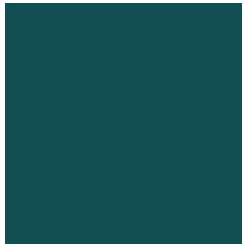


E800DD



# Previews

## White Background



This preview shows how the Hex color 124F52 looks on a white background.

## Color Contrast Check

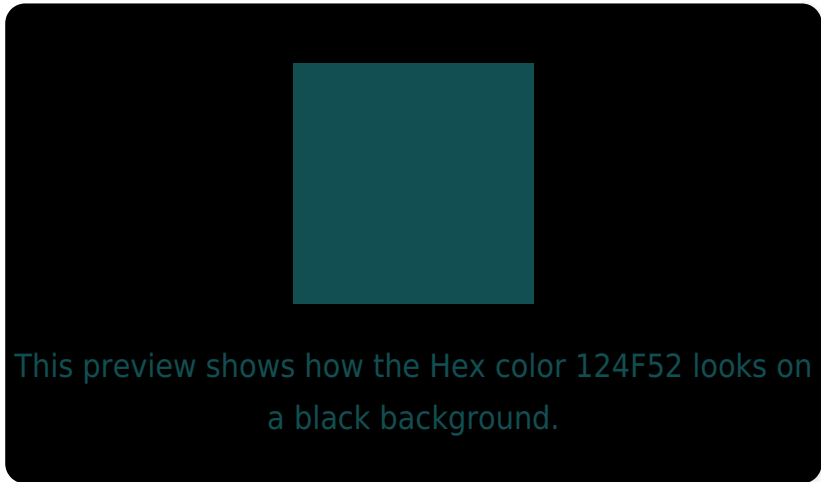
Large Text (above 18pt) WCAG AA ✓ Pass

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

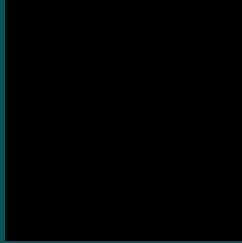
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 124F52 Background



This preview shows how black text looks on a background with the Hex color 124F52.



This preview shows how white text looks on a background with the Hex color 124F52.

# 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**  
124F52

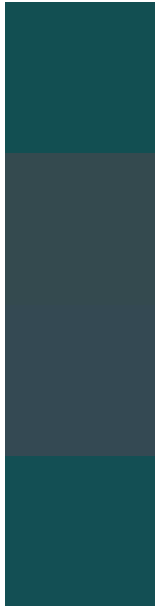
**Protanopia**  
47474D

**Deuteranopia**  
484554



**Tritanopia**  
144F55

# Trichromacy



**Original Color**  
124F52

**Protanomaly**  
344A4F

**Deuteranomaly**  
344953

**Tritanomaly**  
134F54

# Monochromacy



**Original Color**  
124F52

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
2D4445

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 124F52 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 #124F52 looks like.

```
.text, #text, p{  
    color:#124F52  
}
```

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 #124F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124F52
}
```

## Border

The CSS property to change the border of an element to Hex 124F52 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
#124F52 }
```

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

```
.border{ border-color:#124F52 }
```

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

Here you see how a box with a 4 pixel #124F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124F52; -webkit-box-shadow:4px 4px  
4px 4px #124F52; box-shadow:4px 4px 4px  
4px #124F52 }
```

# Background

The CSS property to change the background color of an element to Hex 124F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124F52 }
```

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

```
.background{ background-color:#124F52 }
```

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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