

# Converting Colors

Hex(124F55)

Have a look what the booklet for  
Hex(124F55) contains.

<b>Hex(124F55)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(124F55)

# Conversions

## Conversions Part 1

Format	Color
Hex	124F55
RGB	18, 79, 85
RGB Percent	7%, 31%, 33%
CMY	0.9294, 0.6902, 0.6667
CMYK	0.79, 0.07, 0.00, 0.67
HSL	185°, 65%, 20%
HSV	185°, 79%, 33%
XYZ	4.6851, 6.3764, 9.5782
YIQ	61.4450, -38.2820, -11.0660

# Conversions

## Conversions Part 2

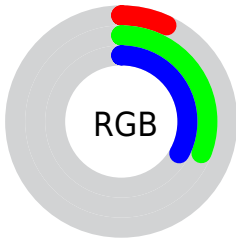
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 50, 85
Decimal	1199957
CIE <sub>Lab</sub>	30.34, -16.43, -9.05
CIE <sub>LCh</sub>	30, 18.752, 208.845
Yxy	6.3764, 0.2270, 0.3089
Android (android.graphics.Color)	4279390037 (0xFF124F55)
YUV	61.4450, 11.6126, -38.1013
Hunter-Lab	25.2516, -11.0718, -4.8131

# Details

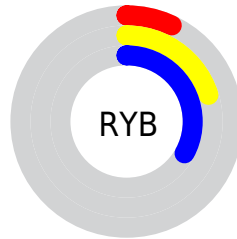
The Hex color **124F55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **551812**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **498087**, and **002228** is the 20% darker color. If you saturate the color by 10%, you get **0A4E55**, and if you desaturate by 10%, it is **1B5055**.

# Distribution



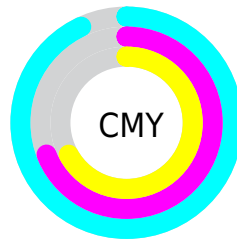
- Red (7%)
- Green (31%)
- Blue (33%)



- Red (7%)
- Yellow (20%)
- Blue (33%)



- Cyan (79%)
- Magenta (7%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (69%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 124F55 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 124F55 by changing the saturation by 10% instead.



124F55

124F55

FFFFFF

00383E

498087

002228

639AA1

000314

7EB5BC

000000

99D1D7

B5EDF4

D1FFFF

EEFFFF

124F55

124F55

■ 0A4E55

■ 1B5055

■ 014D55

■ 235155

■ 004D55

■ 2C5155

■ 345255

■ 3D5355

■ 455455

■ 4E5455

■ 565555

■ 5E5655

# Harmonies

## Analogous

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



1F4F46



124F55



1B4D60

# Triad

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



124F55



593F57



52462A

# Complementary

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



124F55



551812

# 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.



5E412F



124F55



633C49

# Square

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



124F55



484461



643D3A



434B2D

# Rectangle

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



124F55



2A4A64



643D3A



56452B



# Sweetspot

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



124F55



536B6E



125518



283738



B8B8B8



383838



# Same Dimension

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



124F55



05646E



122E55



272B2B



00626B



00D6EB



# Inverse Universe

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



55124F



6E0564



553912



2B272B



6B0062

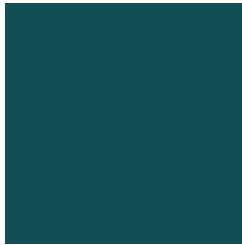


EB00D6



# Previews

## White Background



This preview shows how the Hex color 124F55 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

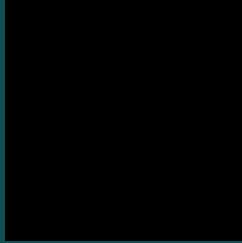
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 124F55 Background



This preview shows how black text looks on a background with the Hex color 124F55.



This preview shows how white text looks on a background with the Hex color 124F55.

# 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**  
124F55

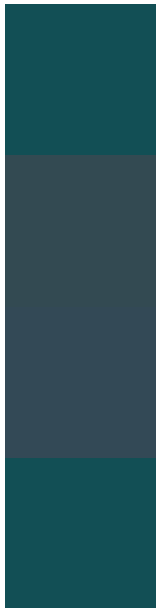
**Protanopia**  
464750

**Deuteranopia**  
464657



**Tritanopia**  
124F55

# Trichromacy



**Original Color**  
124F55

**Protanomaly**  
334A52

**Deuteranomaly**  
334956

**Tritanomaly**  
124F55

# Monochromacy



**Original Color**  
124F55

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
2D4446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 124F55 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 #124F55 looks like.

```
.text, #text, p{  
    color:#124F55  
}
```

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 #124F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124F55
}
```

## Border

The CSS property to change the border of an element to Hex 124F55 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
#124F55 }
```

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

```
.border{ border-color:#124F55 }
```

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

Here you see how a box with a 4 pixel #124F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124F55; -webkit-box-shadow:4px 4px  
4px 4px #124F55; box-shadow:4px 4px 4px  
4px #124F55 }
```

# Background

The CSS property to change the background color of an element to Hex 124F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124F55 }
```

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

```
.background{ background-color:#124F55 }
```

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