

Converting Colors

Hex(124C54)

Have a look what the booklet for
Hex(124C54) contains.

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Color

Hex(124C54)

Conversions

Conversions Part 1

Format	Color
Hex	124C54
RGB	18, 76, 84
RGB Percent	7%, 30%, 33%
CMY	0.9294, 0.7020, 0.6706
CMYK	0.79, 0.10, 0.00, 0.67
HSL	187°, 65%, 20%
HSV	187°, 79%, 33%
XYZ	4.4341, 5.9376, 9.2999
YIQ	59.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

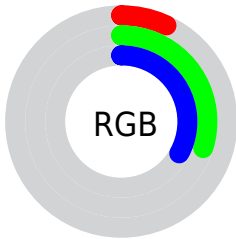
Format	Color
R_{YB}	18, 49, 84
Decimal	1199188
CIE _{Lab}	29.25, -15.07, -10.05
CIE _{LCh}	29, 18.113, 213.713
Yxy	5.9376, 0.2254, 0.3018
Android (android.graphics.Color)	4279389268 (0xFF124C54)
YUV	59.5700, 12.0440, -36.4569
Hunter-Lab	24.3671, -10.1606, -5.5714

Details

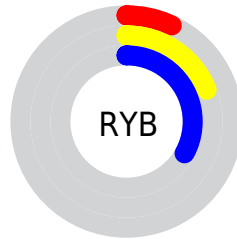
The Hex color **124C54** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **541A12**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **497D86**, and **002027** is the 20% darker color. If you saturate the color by 10%, you get **0A4B54**, and if you desaturate by 10%, it is **1A4D54**.

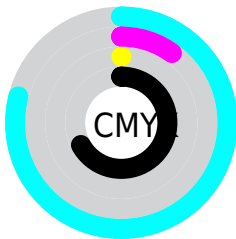
Distribution



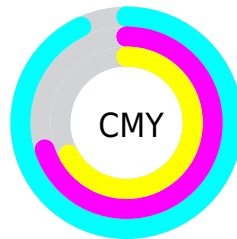
- Red (7%)
- Green (30%)
- Blue (33%)



- Red (7%)
- Yellow (19%)
- Blue (33%)



- Cyan (79%)
- Magenta (10%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124C54 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 124C54 by changing the saturation by 10% instead.



124C54



124C54

FFFFFF



00353D



497D86



002027



6397A0



000113



7DB2BB



000000



98CDD6



B4EAF3



D0FFFF



EDFFFF



124C54



124C54

■ 0A4B54

■ 1A4D54

■ 014A54

■ 234E54

■ 004A54

■ 2B4F54

■ 345054

■ 3C5154

■ 445254

■ 4D5354

■ 555454

■ 5E5554

Harmonies

Analogous

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



1C4D46



124C54



1E4A5E

Triad

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



124C54



583C52



4D4529

Complementary

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



124C54



541A12

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.



59402C



124C54



603A44

Square

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



124C54



49415C



603C36



3E492D

Rectangle

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



124C54



2D4761



603C36



514329

Sweetspot

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



124C54



536A6E



12541A



283638



B8B8B8



383838

Same Dimension

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



124C54



07616E



122B54



252829



005C69



00CCE8

Inverse Universe

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



54124C



6E0761



543B12



292528



69005C



E800CC

Previews

White Background



This preview shows how the Hex color 124C54 looks on a white background.

Color Contrast Check

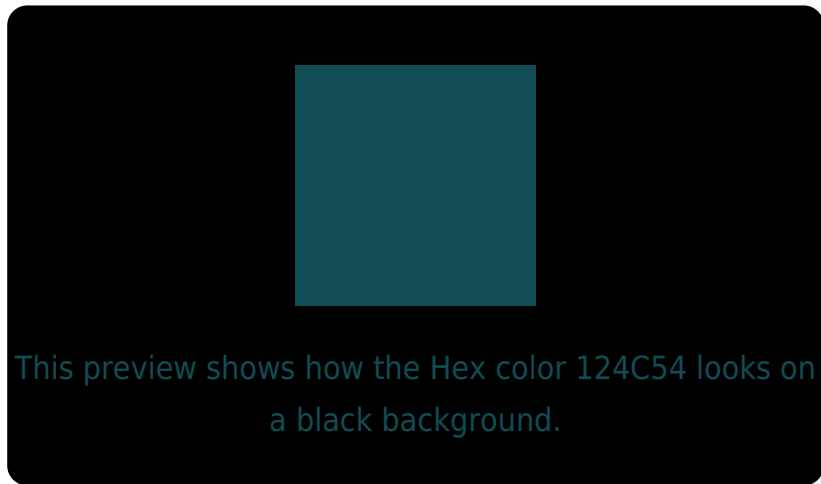
Large Text (above 18pt) WCAG AA ✓ Pass

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

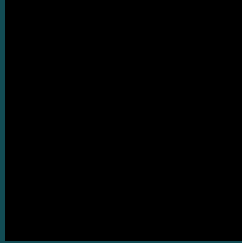
Any Text WCAG AA × Fail

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 124C54 Background



This preview shows how black text looks on a background with the Hex color 124C54.



This preview shows how white text looks on a background with the Hex color 124C54.

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
124C54

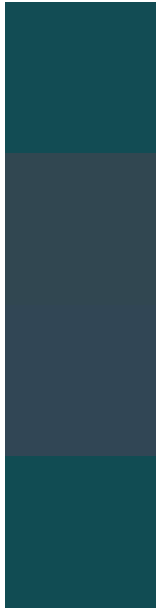
Protanopia
43444F

Deuteranopia
434356



Tritanopia
114C52

Trichromacy



Original Color
124C54

Protanomaly
314751

Deuteranomaly
314655

Tritanomaly
114C53

Monochromacy



Original Color
124C54

Achromatopsia
3C3C3C

Achromatomaly
2D4245

CSS Examples

Text

The CSS property to change the color of the text to Hex 124C54 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 #124C54 looks like.

```
.text, #text, p{  
    color:#124C54  
}
```

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 #124C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124C54
}
```

Border

The CSS property to change the border of an element to Hex 124C54 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
#124C54 }
```

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

```
.border{ border-color:#124C54 }
```

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

Here you see how a box with a 4 pixel #124C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124C54; -webkit-box-shadow:4px 4px  
4px 4px #124C54; box-shadow:4px 4px 4px  
4px #124C54 }
```

Background

The CSS property to change the background color of an element to Hex 124C54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124C54 }
```

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

```
.background{ background-color:#124C54 }
```

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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