

Converting Colors

Hex(124C73)

Have a look what the booklet for
Hex(124C73) contains.

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Color

Hex(124C73)

Conversions

Conversions Part 1

Format	Color
Hex	124C73
RGB	18, 76, 115
RGB Percent	7%, 30%, 45%
CMY	0.9294, 0.7020, 0.5490
CMYK	0.84, 0.34, 0.00, 0.55
HSL	204°, 73%, 26%
HSV	204°, 84%, 45%
XYZ	5.9284, 6.5353, 17.1686
YIQ	63.1040, -47.0870, -0.1670

Conversions

Conversions Part 2

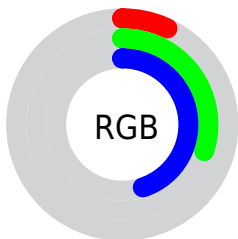
Format	Color
R_{YB}	18, 54, 115
Decimal	1199219
CIE _{Lab}	30.72, -3.11, -27.49
CIE _{LCh}	31, 27.665, 263.549
Yxy	6.5353, 0.2001, 0.2205
Android (android.graphics.Color)	4279389299 (0xFF124C73)
YUV	63.1040, 25.5847, -39.5562
Hunter-Lab	25.5642, -3.3427, -21.9236

Details

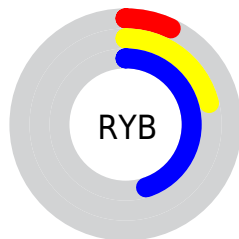
The Hex color **124C73** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **733912**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4F7DA7**, and **002043** is the 20% darker color. If you saturate the color by 10%, you get **074773**, and if you desaturate by 10%, it is **1E5173**.

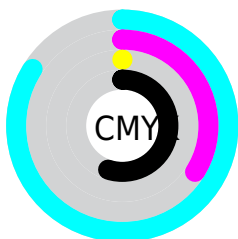
Distribution



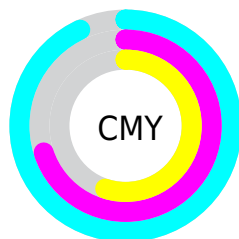
- Red (7%)
- Green (30%)
- Blue (45%)



- Red (7%)
- Yellow (21%)
- Blue (45%)



- Cyan (84%)
- Magenta (34%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124C73 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 124C73 by changing the saturation by 10% instead.

■ 124C73

■ 124C73

FFFFFF

■ 00355A

■ 4F7DA7

■ 002043

■ 6A96C3

■ 00082C

■ 86B1DF

■ 000117

■ A1CCFB

■ 000000

■ BDE9FF

■ DAFFFF

■ F7FFFF

■ 124C73

■ 124C73

■ 074773

■ 1E5173

■ 004573

■ 295573

■ 355A73

■ 405E73

■ 4C6373

■ 576873

■ 636C73

■ 6E7173

■ 7A7673

Harmonies

Analogous

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



00516B



124C73



424470

Triad

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



124C73



713738



2A512E

Complementary

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



124C73



733912

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.



444C1F



124C73



693E26

Square

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



124C73



6E374E



59461C



005343

Rectangle

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



124C73



573F68



59461C



344F28

Sweetspot

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



124C73



718796



127339



36434D



CCCCCC



4D4D4D

Same Dimension

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



124C73



005A96



121C73



35383B



00497A



0095FA

Inverse Universe

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



73124C



96005A



736912



3B3538



7A0049



FA0095

Previews

White Background



This preview shows how the Hex color 124C73 looks on a white background.

Color Contrast Check

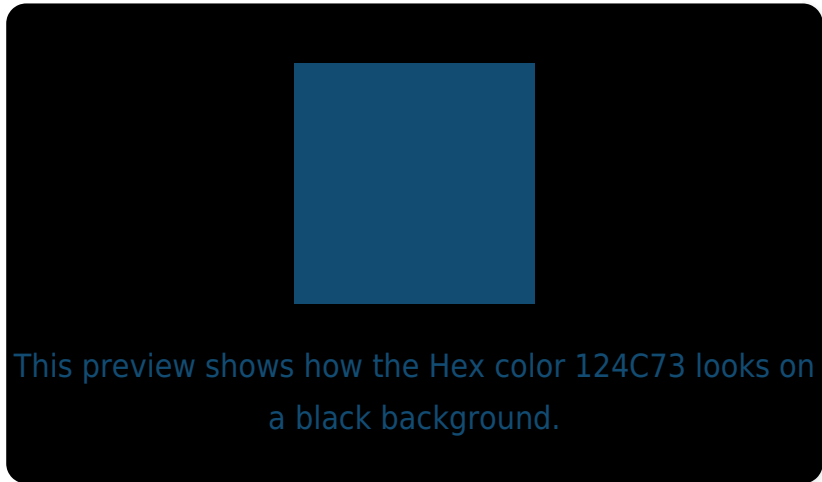
Large Text (above 18pt) WCAG AA ✓ Pass

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

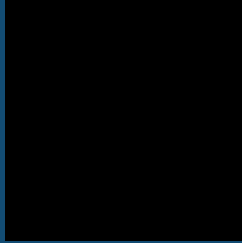
Any Text WCAG AA × Fail

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 124C73 Background



This preview shows how black text looks on a background with the Hex color 124C73.

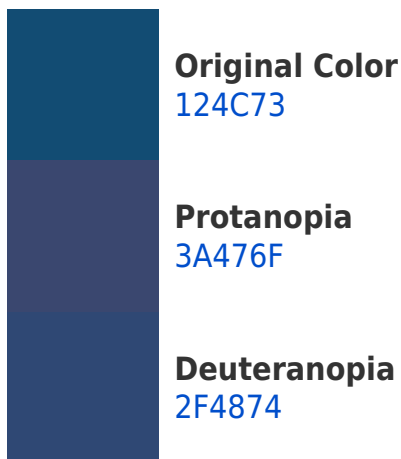



This preview shows how white text looks on a background with the Hex color 124C73.

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
005056

Trichromacy



Original Color
124C73

Protanomaly
2B4970

Deuteranomaly
244974

Tritanomaly
074F61

Monochromacy



Original Color
124C73

Achromatopsia
3F3F3F

Achromatomaly
2F4452

CSS Examples

Text

The CSS property to change the color of the text to Hex 124C73 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 #124C73 looks like.

```
.text, #text, p{  
    color:#124C73  
}
```

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 #124C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124C73
}
```

Border

The CSS property to change the border of an element to Hex 124C73 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
#124C73 }
```

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

```
.border{ border-color:#124C73 }
```

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

Here you see how a box with a 4 pixel #124C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124C73; -webkit-box-shadow:4px 4px  
4px 4px #124C73; box-shadow:4px 4px 4px  
4px #124C73 }
```

Background

The CSS property to change the background color of an element to Hex 124C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124C73 }
```

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

```
.background{ background-color:#124C73 }
```

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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