

# Converting Colors

Hex(122724)

Have a look what the booklet for  
Hex(122724) contains.

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# Color

**Hex(122724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	122724
RGB	18, 39, 36
RGB Percent	7%, 15%, 14%
CMY	0.9294, 0.8471, 0.8588
CMYK	0.54, 0.00, 0.08, 0.85
HSL	171°, 37%, 11%
HSV	171°, 54%, 15%
XYZ	1.2934, 1.7070, 1.9304
YIQ	32.3790, -11.5530, -5.3850

# Conversions

## Conversions Part 2

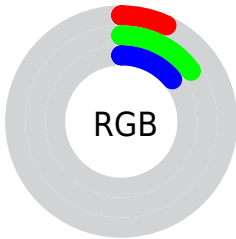
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 29, 39
Decimal	1189668
CIE Lab	13.87, -9.37, -0.65
CIE LCh	14, 9.391, 183.994
Yxy	1.7070, 0.2623, 0.3462
Android (android.graphics.Color)	4279379748 (0xFF122724)
YUV	32.3790, 1.7852, -12.6104
Hunter-Lab	13.0653, -5.1934, 0.3856

# Details

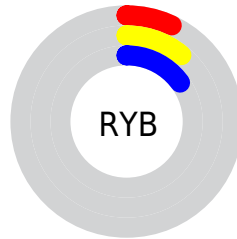
The Hex color **122724** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **271215**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3E5450**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E2723**, and if you desaturate by 10%, it is **162725**.

# Distribution



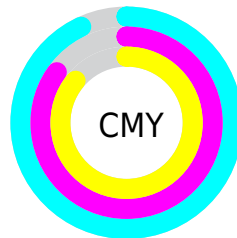
- Red (7%)
- Green (15%)
- Blue (14%)



- Red (7%)
- Yellow (11%)
- Blue (15%)



- Cyan (54%)
- Magenta (0%)
- Yellow (8%)
- Black (85%)



- Cyan (93%)
- Magenta (85%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 122724 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 122724 by changing the saturation by 10% instead.



■ 122724

■ 122724

■ F5FFFF

■ 00130F

■ 3E5450

■ 000000

■ 556C68

■ 6E8682

■ 87A09C

■ A2BBB6

■ BDD7D2

■ D9F3EE

■ 122724

■ 122724

■ 0E2723

■ 162725

■ 0A2723

■ 1A2725

■ 062722

■ 1E2726

■ 022722

■ 222726

■ 002721

■ 262727

■ 292727

■ 2D2728

■ 312728

■ 352729

# Harmonies

## Analogous

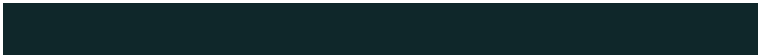
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19261D



122724



0F272A

# Triad

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



122724



25212E



2D2118

# Complementary

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



122724



271215

# 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.



301F1C



122724



2C1F29

# Square

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



122724



1C2430



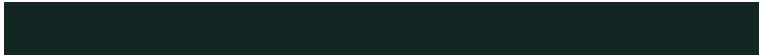
301F23



272316

# Rectangle

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



122724



12262E



301F23



2E2019



# Sweetspot

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



122724



2B3332



152712



151A19



999999



1A1A1A



# Same Dimension

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



122724



12332E



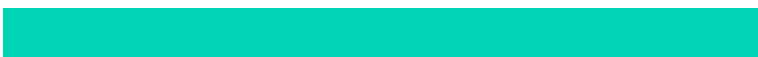
122027



121414



005448



00D4B5



# Inverse Universe

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



271215



331217



271912



141213



54000C

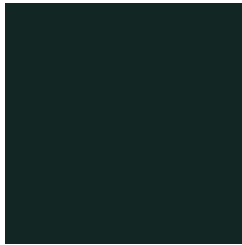


D4001E



# Previews

## White Background



This preview shows how the Hex color 122724 looks on a white background.

## Color Contrast Check

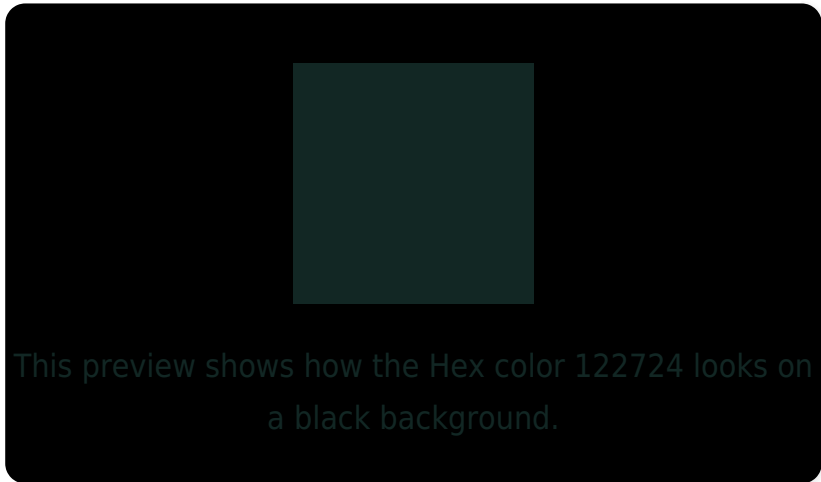
Large Text (above 18pt) WCAG AA ✓ Pass

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

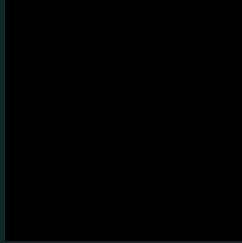
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 122724 Background



This preview shows how black text looks on a background with the Hex color 122724.



This preview shows how white text looks on a background with the Hex color 122724.

# 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**  
122724

**Protanopia**  
242322

**Deuteranopia**  
262225



**Tritanopia**  
142629

# Trichromacy



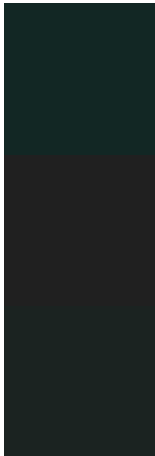
**Original Color**  
122724

**Protanomaly**  
1D2423

**Deuteranomaly**  
1F2425

**Tritanomaly**  
132627

# Monochromacy



**Original Color**  
122724

**Achromatopsia**  
202020

**Achromatomaly**  
1B2321

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 122724 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 #122724 looks like.

```
.text, #text, p{  
    color:#122724  
}
```

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 #122724 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122724
}
```

## Border

The CSS property to change the border of an element to Hex 122724 is called "border". The border property can be set on classes, ids or directly on the HTML element.

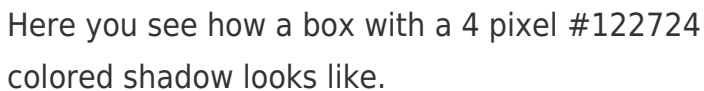
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#122724 }
```

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

```
.border{ border-color:#122724 }
```

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



Here you see how a box with a 4 pixel #122724 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122724; -webkit-box-shadow:4px 4px  
4px 4px #122724; box-shadow:4px 4px 4px  
4px #122724 }
```

# Background

The CSS property to change the background color of an element to Hex 122724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122724 }
```

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

```
.background{ background-color:#122724 }
```

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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