

Converting Colors

Hex(124753)

Have a look what the booklet for
Hex(124753) contains.

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Color

Hex(124753)

Conversions

Conversions Part 1

Format	Color
Hex	124753
RGB	18, 71, 83
RGB Percent	7%, 28%, 33%
CMY	0.9294, 0.7216, 0.6745
CMYK	0.78, 0.14, 0.00, 0.67
HSL	191°, 64%, 20%
HSV	191°, 78%, 33%
XYZ	4.0640, 5.2596, 8.9846
YIQ	56.5210, -35.4400, -7.5040

Conversions

Conversions Part 2

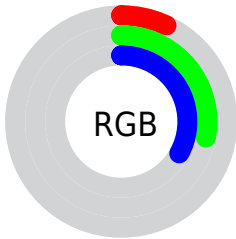
Format	Color
R _Y B	18, 47, 83
Decimal	1197907
CIE Lab	27.46, -12.50, -12.14
CIE LCh	27, 17.420, 224.167
Yxy	5.2596, 0.2220, 0.2873
Android (android.graphics.Color)	4279387987 (0xFF124753)
YUV	56.5210, 13.0541, -33.7829
Hunter-Lab	22.9338, -8.5028, -7.1739

Details

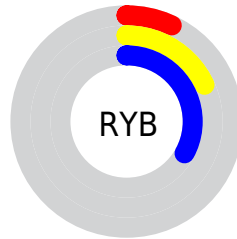
The Hex color **124753** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **531E12**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **487884**, and **001C26** is the 20% darker color. If you saturate the color by 10%, you get **0A4553**, and if you desaturate by 10%, it is **1A4953**.

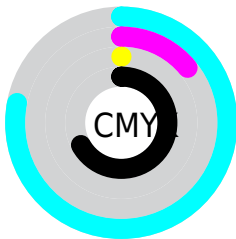
Distribution



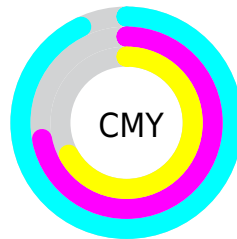
- Red (7%)
- Green (28%)
- Blue (33%)



- Red (7%)
- Yellow (18%)
- Blue (33%)



- Cyan (78%)
- Magenta (14%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (72%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124753 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 124753 by changing the saturation by 10% instead.

 124753

 124753

FFFFFF

 00303C

 487884

 001C26

 62919F

 000111

 7CACBA

 000000

 97C7D5

 B2E3F2

 CEFFFF

 EBFFFF

 124753

 124753

■ 0A4553

■ 1A4953

■ 014453

■ 234A53

■ 004453

■ 2B4C53

■ 334D53

■ 3B4F53

■ 445053

■ 4C5253

■ 545353

■ 5D5553

Harmonies

Analogous

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



154847



124753



23445A

Triad

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



124753



573848



444227

Complementary

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



124753



531E12

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.



503E27



124753



5B373B

Square

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



124753



4A3B54



59392F



35462D

Rectangle

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



124753



31425B



59392F



484126

Sweetspot

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



124753



52676B



12531E



273336



B5B5B5



363636

Same Dimension

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



124753



06596B



122753



252829



005569



00BDE8

Inverse Universe

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



531247



6B0659



533E12



292528



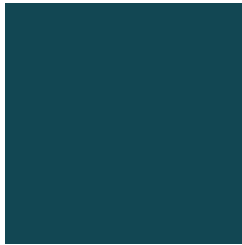
690055



E800BD

Previews

White Background



This preview shows how the Hex color 124753 looks on a white background.

Color Contrast Check

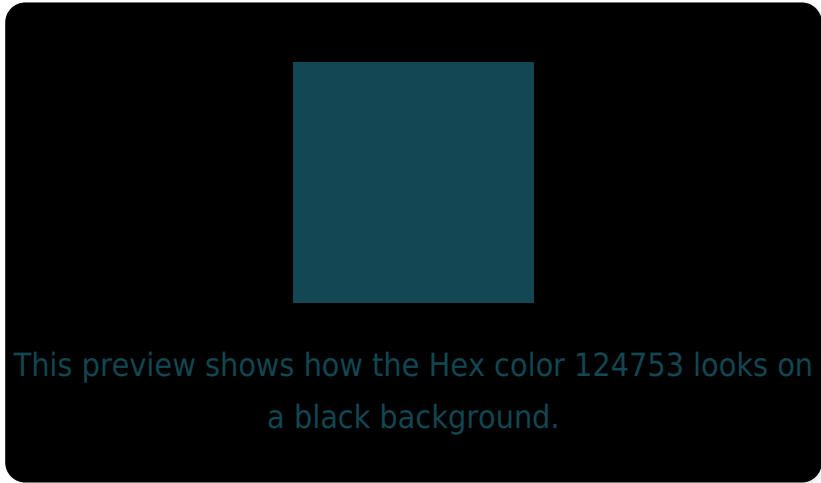
Large Text (above 18pt) WCAG AA ✓ Pass

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

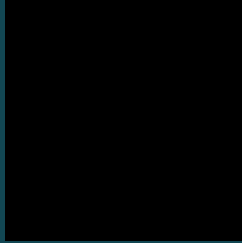
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

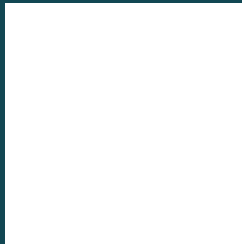
Any Text WCAG AAA × Fail

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

Hex 124753 Background



This preview shows how black text looks on a background with the Hex color 124753.



This preview shows how white text looks on a background with the Hex color 124753.

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
124753

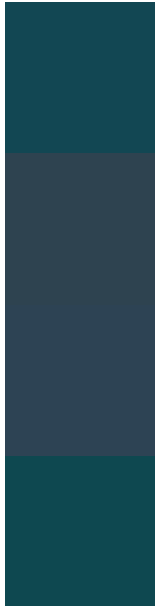
Protanopia
3E404E

Deuteranopia
3C4055



Tritanopia
0C484E

Trichromacy



Original Color
124753

Protanomaly
2E4350

Deuteranomaly
2D4354

Tritanomaly
0E4850

Monochromacy



Original Color
124753

Achromatopsia
393939

Achromatomaly
2B3E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 124753 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 #124753 looks like.

```
.text, #text, p{  
    color:#124753  
}
```

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 #124753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124753
}
```

Border

The CSS property to change the border of an element to Hex 124753 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
#124753 }
```

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

```
.border{ border-color:#124753 }
```

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

Here you see how a box with a 4 pixel #124753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124753; -webkit-box-shadow:4px 4px  
4px 4px #124753; box-shadow:4px 4px 4px  
4px #124753 }
```

Background

The CSS property to change the background color of an element to Hex 124753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124753 }
```

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

```
.background{ background-color:#124753 }
```

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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