

Converting Colors

Hex(127A32)

Have a look what the booklet for
Hex(127A32) contains.

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Color

Hex(127A32)

Conversions

Conversions Part 1

Format	Color
Hex	127A32
RGB	18, 122, 50
RGB Percent	7%, 48%, 20%
CMY	0.9294, 0.5216, 0.8039
CMYK	0.85, 0.00, 0.59, 0.52
HSL	138°, 74%, 27%
HSV	138°, 85%, 48%
XYZ	7.7847, 14.2780, 5.3632
YIQ	82.6960, -38.8720, -44.4400

Conversions

Conversions Part 2

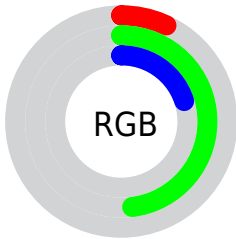
Format	Color
RYB	18, 98, 122
Decimal	1210930
CIELab	44.63, -44.19, 31.22
CIELCh	45, 54.107, 144.762
Yxy	14.2780, 0.2838, 0.5206
Android (android.graphics.Color)	4279401010 (0xFF127A32)
YUV	82.6960, -16.1191, -56.7384
Hunter-Lab	37.7862, -29.3512, 18.0349

Details

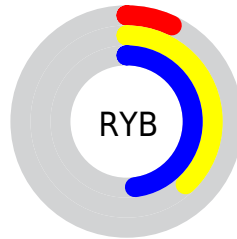
The Hex color **127A32** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A125A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **53AF63**, and **004802** is the 20% darker color. If you saturate the color by 10%, you get **067A2A**, and if you desaturate by 10%, it is **1E7A3A**.

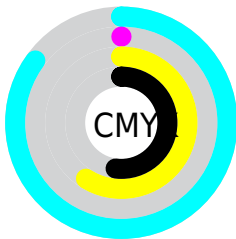
Distribution



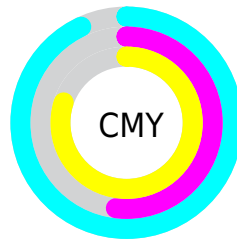
- Red (7%)
- Green (48%)
- Blue (20%)



- Red (7%)
- Yellow (38%)
- Blue (48%)



- Cyan (85%)
- Magenta (0%)
- Yellow (59%)
- Black (52%)



- Cyan (93%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 127A32 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 127A32 by changing the saturation by 10% instead.

 127A32

 127A32

FFFFFF

 00601A

 53AF63

 004802

 6FCB7C

 003000

 8BE896

 001900

 A7FFB1

 000000

 C4FFCD

 E1FFE9

FEFFFF

 127A32

 127A32

■ 067A2A

■ 1E7A3A

■ 007A26

■ 2A7A43

■ 377A4B

■ 437A54

■ 4F7A5C

■ 5B7A65

■ 677A6D

■ 747A76

■ 807A7E

Harmonies

Analogous

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



5B7204



127A32



007E60

Triad

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



127A32



0071C4



B83F47

Complementary

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



127A32



7A125A

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.



B53C73



127A32



5861BC

Square

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



127A32



007BB3



984C9E



A6521E

Rectangle

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



127A32



007E7F



984C9E



BA3C55

Sweetspot

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



127A32



759E82



5B7A12



374F3E



CFCFCF



4F4F4F

Same Dimension

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



127A32



009E31



127A65



373D39



007D26



00FC4E

Inverse Universe

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



7A125A



9E006D



7A1227



3D373B



7D0057



FC00AF

Previews

White Background



This preview shows how the Hex color 127A32 looks on a white background.

Color Contrast Check

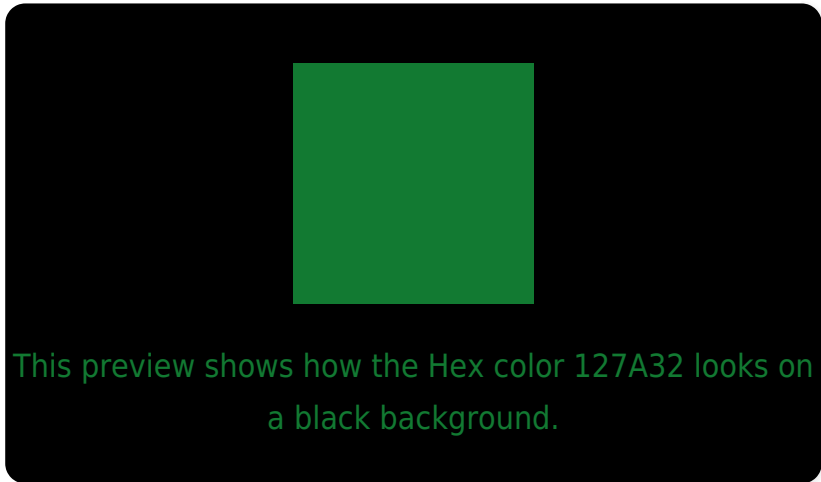
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

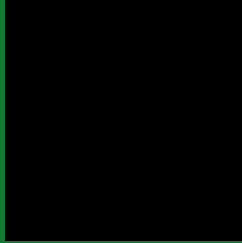
Any Text WCAG AA × Fail

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 127A32 Background



This preview shows how black text looks on a background with the Hex color 127A32.



This preview shows how white text looks on a background with the Hex color 127A32.

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
127A32

Protanopia
75692D

Deuteranopia
816438



Tritanopia
33727C

Trichromacy



Original Color
127A32



Protanomaly
516F2F



Deuteranomaly
596C36



Tritanomaly
277561

Monochromacy



Original Color
127A32



Achromatopsia
535353



Achromatomaly
3B6147

CSS Examples

Text

The CSS property to change the color of the text to Hex 127A32 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 #127A32 looks like.

```
.text, #text, p{  
    color:#127A32  
}
```

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 #127A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127A32
}
```

Border

The CSS property to change the border of an element to Hex 127A32 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
#127A32 }
```

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

```
.border{ border-color:#127A32 }
```

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

Here you see how a box with a 4 pixel #127A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127A32; -webkit-box-shadow:4px 4px  
4px 4px #127A32; box-shadow:4px 4px 4px  
4px #127A32 }
```

Background

The CSS property to change the background color of an element to Hex 127A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127A32 }
```

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

```
.background{ background-color:#127A32 }
```

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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