

Converting Colors

Hex(155B47)

Have a look what the booklet for
Hex(155B47) contains.

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Color

Hex(155B47)

Conversions

Conversions Part 1

Format	Color
Hex	155B47
RGB	21, 91, 71
RGB Percent	8%, 36%, 28%
CMY	0.9176, 0.6431, 0.7216
CMYK	0.77, 0.00, 0.22, 0.64
HSL	163°, 63%, 22%
HSV	163°, 77%, 36%
XYZ	5.1877, 8.0965, 7.2506
YIQ	67.7900, -35.3000, -21.0600

Conversions

Conversions Part 2

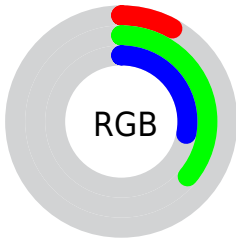
Format	Color
RYB	21, 62, 91
Decimal	1399623
CIELab	34.18, -26.64, 5.46
CIELCh	34, 27.197, 168.424
Yxy	8.0965, 0.2526, 0.3943
Android (android.graphics.Color)	4279589703 (0xFF155B47)
YUV	67.7900, 1.5825, -41.0348
Hunter-Lab	28.4544, -17.2519, 4.8101

Details

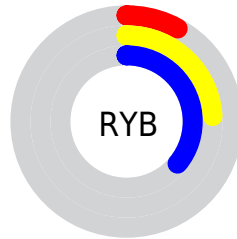
The Hex color **155B47** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5B1529**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4C8E77**, and **002C1C** is the 20% darker color. If you saturate the color by 10%, you get **0C5B44**, and if you desaturate by 10%, it is **1E5B4A**.

Distribution



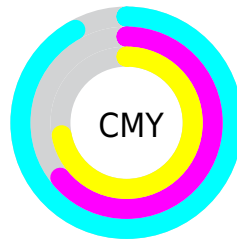
- Red (8%)
- Green (36%)
- Blue (28%)



- Red (8%)
- Yellow (24%)
- Blue (36%)



- Cyan (77%)
- Magenta (0%)
- Yellow (22%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 155B47 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 155B47 by changing the saturation by 10% instead.

■ 155B47

■ 155B47

FFFFFF

■ 004331

■ 4C8E77

■ 002C1C

■ 66A891

■ 001701

■ 81C4AC

■ 000000

■ 9CE0C7

■ B7FDE3

■ D4FFFF

■ F1FFFF

■ 155B47

■ 155B47

■ 0C5B44

■ 1E5B4A

■ 035B42

■ 275B4C

■ 005B41

■ 305B4F

■ 395B51

■ 425B54

■ 4C5B57

■ 555B59

■ 5E5B5C

■ 675B5E

Harmonies

Analogous

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



385833



155B47



005B5D

Triad

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



155B47



454E79



734531

Complementary

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



155B47



5B1529

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.



7A3F44



155B47



63466D

Square

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



155B47



16557A



74405A



654C26

Rectangle

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



155B47



005B6B



74405A



774237

Sweetspot

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



155B47



5A756E



2A5B15



2A3B36



BABABA



3B3B3B

Same Dimension

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



155B47



097556



154D5B



292E2D



006E4E



00EDA9

Inverse Universe

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



5B1529



750928



5B2315



2E292B



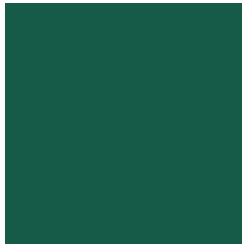
6E001F



ED0044

Previews

White Background



This preview shows how the Hex color 155B47 looks on a white background.

Color Contrast Check

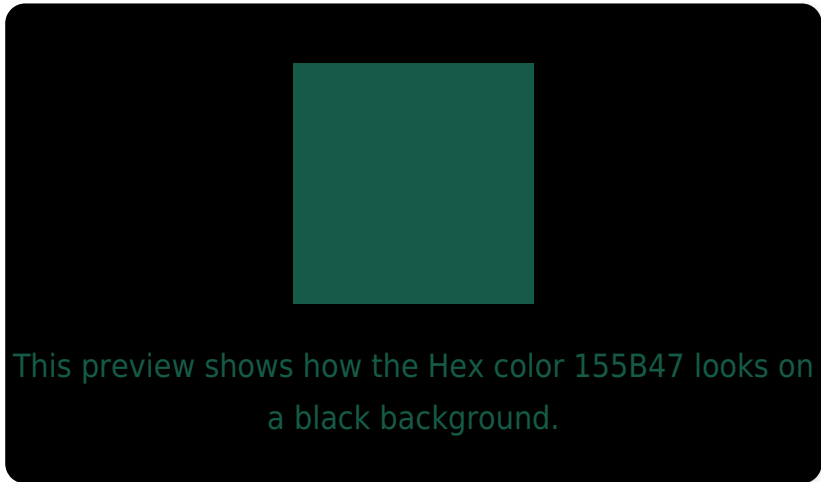
Large Text (above 18pt) WCAG AA ✓ Pass

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

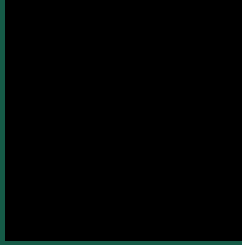
Any Text WCAG AA × Fail

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 155B47 Background



This preview shows how black text looks on a background with the Hex color 155B47.



This preview shows how white text looks on a background with the Hex color 155B47.

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
155B47

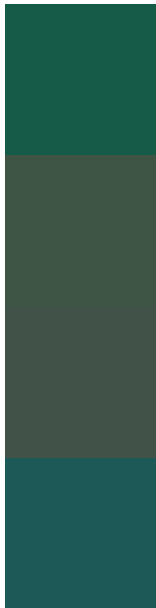
Protanopia
555042

Deuteranopia
5A4D4A



Tritanopia
22585F

Trichromacy



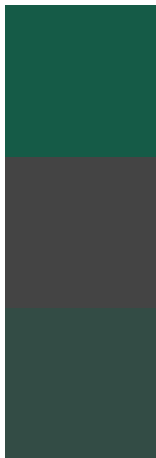
Original Color
155B47

Protanomaly
3E5444

Deuteranomaly
415249

Tritanomaly
1D5956

Monochromacy



Original Color
155B47

Achromatopsia
444444

Achromatomaly
334C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 155B47 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 #155B47 looks like.

```
.text, #text, p{  
    color:#155B47  
}
```

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 #155B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #155B47  
}
```

Border

The CSS property to change the border of an element to Hex 155B47 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  
#155B47 }
```

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

```
.border{ border-color:#155B47 }
```

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

Here you see how a box with a 4 pixel #155B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #155B47; -webkit-box-shadow:4px 4px  
4px 4px #155B47; box-shadow:4px 4px 4px  
4px #155B47 }
```

Background

The CSS property to change the background color of an element to Hex 155B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#155B47 }
```

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

```
.background{ background-color:#155B47 }
```

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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