

Converting Colors

Hex(116242)

Have a look what the booklet for
Hex(116242) contains.

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Color

Hex(116242)

Conversions

Conversions Part 1

Format	Color
Hex	116242
RGB	17, 98, 66
RGB Percent	7%, 38%, 26%
CMY	0.9333, 0.6157, 0.7412
CMYK	0.83, 0.00, 0.33, 0.62
HSL	156°, 70%, 23%
HSV	156°, 83%, 38%
XYZ	5.5822, 9.2479, 6.6451
YIQ	70.1330, -38.0040, -27.1240

Conversions

Conversions Part 2

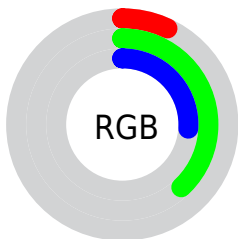
Format	Color
R_{YB}	17, 67, 98
Decimal	1139266
CIE _{Lab}	36.46, -31.76, 11.70
CIE _{LCh}	36, 33.842, 159.772
Yxy	9.2479, 0.2599, 0.4306
Android (android.graphics.Color)	4279329346 (0xFF116242)
YUV	70.1330, -2.0376, -46.5976
Hunter-Lab	30.4103, -20.4521, 8.3316

Details

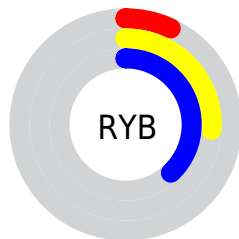
The Hex color **116242** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **621131**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4B9572**, and **003217** is the 20% darker color. If you saturate the color by 10%, you get **07623E**, and if you desaturate by 10%, it is **1B6246**.

Distribution



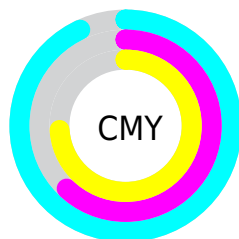
- Red (7%)
- Green (38%)
- Blue (26%)



- Red (7%)
- Yellow (26%)
- Blue (38%)



- Cyan (83%)
- Magenta (0%)
- Yellow (33%)
- Black (62%)





- Cyan (93%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116242 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 116242 by changing the saturation by 10% instead.

 116242

 116242

FFFFFF

 004A2C

 4B9572

 003217

 66B08C

 001F00

 81CCA6


 000000

 9CE8C1

 B8FFDD

 D4FFFA

 F1FFFF

 116242

 116242

■ 07623E

■ 1B6246

■ 00623B

■ 25624A

■ 2E624E

■ 386251

■ 426255

■ 4C6259

■ 56625D

■ 5F6261

■ 696265

Harmonies

Analogous

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



3F5E2A



116242



00635E

Triad

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



116242



35568B



844434

Complementary

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



116242



621131

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.



883E4E



116242



634B80

Square

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



116242



005E88



7E4169



744E22

Rectangle

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



116242



006370



7E4169



87413C

Sweetspot

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



116242



608073



316211



2D4038



BFBFBF



404040

Same Dimension

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



116242



01804E



115A62



2C302F



007044



00F091

Inverse Universe

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



621131



800133



621911



302C2E



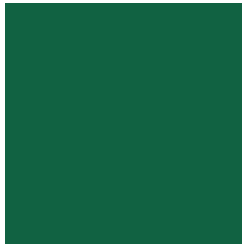
70002C



F0005F

Previews

White Background



This preview shows how the Hex color 116242 looks on a white background.

Color Contrast Check

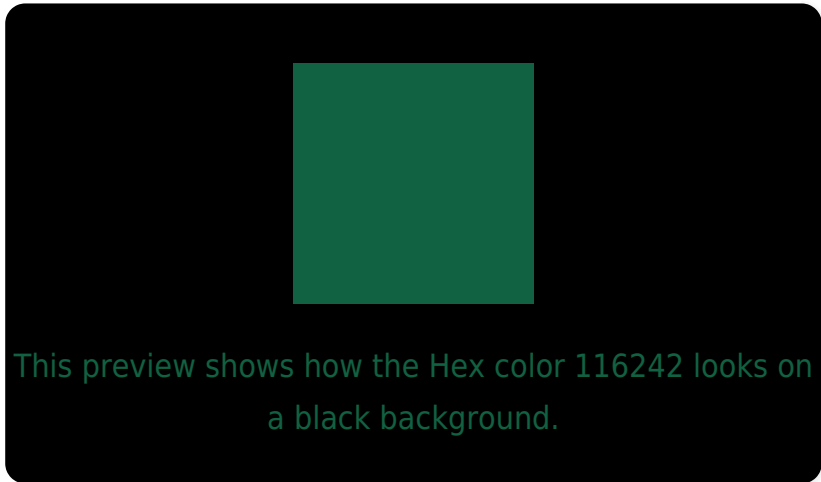
Large Text (above 18pt) WCAG AA ✓ Pass

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

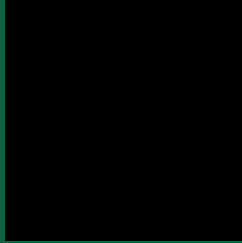
Any Text WCAG AA × Fail

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 116242 Background



This preview shows how black text looks on a background with the Hex color 116242.



This preview shows how white text looks on a background with the Hex color 116242.

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
116242

Protanopia
5C553C

Deuteranopia
635246



Tritanopia
255E65

Trichromacy



Original Color
116242

Protanomaly
415A3E

Deuteranomaly
455845

Tritanomaly
1E5F58

Monochromacy



Original Color
116242

Achromatopsia
464646

Achromatomaly
335045

CSS Examples

Text

The CSS property to change the color of the text to Hex 116242 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 #116242 looks like.

```
.text, #text, p{  
    color:#116242  
}
```

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 #116242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116242
}
```

Border

The CSS property to change the border of an element to Hex 116242 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
#116242 }
```

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

```
.border{ border-color:#116242 }
```

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

Here you see how a box with a 4 pixel #116242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116242; -webkit-box-shadow:4px 4px  
4px 4px #116242; box-shadow:4px 4px 4px  
4px #116242 }
```

Background

The CSS property to change the background color of an element to Hex 116242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116242 }
```

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

```
.background{ background-color:#116242 }
```

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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