

Converting Colors

Hex(116267)

Have a look what the booklet for
Hex(116267) contains.

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Color

Hex(116267)

Conversions

Conversions Part 1

Format	Color
Hex	116267
RGB	17, 98, 103
RGB Percent	7%, 38%, 40%
CMY	0.9333, 0.6157, 0.5961
CMYK	0.83, 0.05, 0.00, 0.60
HSL	183°, 72%, 24%
HSV	183°, 83%, 40%
XYZ	7.0470, 9.8338, 14.3587
YIQ	74.3510, -49.8810, -15.6170

Conversions

Conversions Part 2

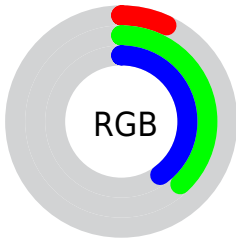
Format	Color
RYB	17, 59, 103
Decimal	1139303
CIELab	37.54, -20.74, -9.49
CIELCh	38, 22.802, 204.582
Yxy	9.8338, 0.2256, 0.3148
Android (android.graphics.Color)	4279329383 (0xFF116267)
YUV	74.3510, 14.1240, -50.2968
Hunter-Lab	31.3589, -14.7652, -5.1966

Details

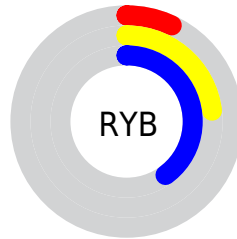
The Hex color **116267** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **671611**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4F959A**, and **003338** is the 20% darker color. If you saturate the color by 10%, you get **076167**, and if you desaturate by 10%, it is **1B6367**.

Distribution



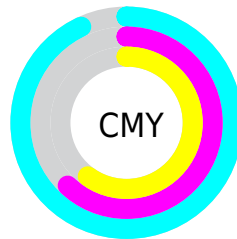
- Red (7%)
- Green (38%)
- Blue (40%)



- Red (7%)
- Yellow (23%)
- Blue (40%)



- Cyan (83%)
- Magenta (5%)
- Yellow (0%)
- Black (60%)




- Cyan (93%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116267 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 116267 by changing the saturation by 10% instead.

 116267

 116267

FFFFFF

 004A4F

 4F959A

 003338

 6AB0B5

 001F23

 85CBD0

 00010D


 A1E8ED

 000000

 BDFFFF

 DAFFFF

 F7FFFF

 116267

 116267

076167

1B6367

006167

266367

306467

3A6467

456567

4F6667

596667

636767

6E6767

Harmonies

Analogous

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



286254



116267



1A6076

Triad

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



116267



6C4E6E



685634

Complementary

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



116267



671611

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.



76503B



116267



7A4A5C

Square

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



116267



56557A



7C4B4A



555C36

Rectangle

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



116267



2E5D7B



7C4B4A



6D5435

Sweetspot

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



116267



658587



116715



304445



C4C4C4



454545

Same Dimension

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



116267



007F87



113867



2E3333



006C73



00E4F2

Inverse Universe

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



671162



87007F



674011



332E33



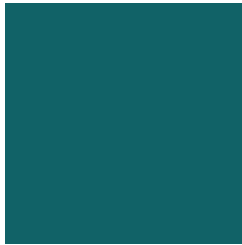
73006C



F200E4

Previews

White Background



This preview shows how the Hex color 116267 looks on a white background.

Color Contrast Check

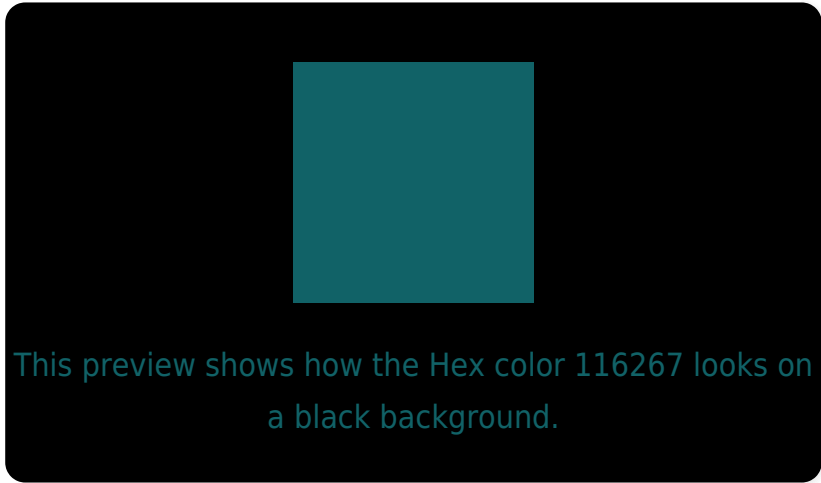
Large Text (above 18pt) WCAG AA ✓ Pass

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

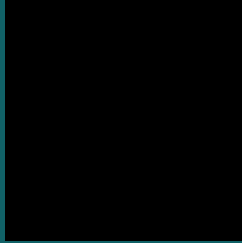
Any Text WCAG AA × Fail

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 116267 Background



This preview shows how black text looks on a background with the Hex color 116267.

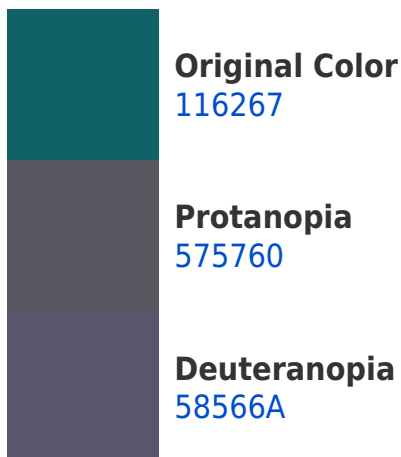



This preview shows how white text looks on a background with the Hex color 116267.

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](#).

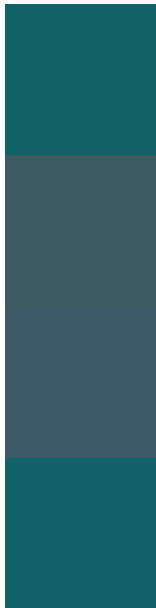
Dichromacy





Tritanopia
14626A

Trichromacy



Original Color
116267

Protanomaly
3E5B63

Deuteranomaly
3E5A69

Tritanomaly
136269

Monochromacy



Original Color
116267

Achromatopsia
4A4A4A

Achromatomaly
355355

CSS Examples

Text

The CSS property to change the color of the text to Hex 116267 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 #116267 looks like.

```
.text, #text, p{  
    color:#116267  
}
```

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 #116267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116267  
}
```

Border

The CSS property to change the border of an element to Hex 116267 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  
#116267 }
```

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

```
.border{ border-color:#116267 }
```

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

Here you see how a box with a 4 pixel #116267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116267; -webkit-box-shadow:4px 4px  
4px 4px #116267; box-shadow:4px 4px 4px  
4px #116267 }
```

Background

The CSS property to change the background color of an element to Hex 116267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116267 }
```

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

```
.background{ background-color:#116267 }
```

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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