

Converting Colors

Hex(116964)

Have a look what the booklet for
Hex(116964) contains.

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Color

Hex(116964)

Conversions

Conversions Part 1

Format	Color
Hex	116964
RGB	17, 105, 100
RGB Percent	7%, 41%, 39%
CMY	0.9333, 0.5882, 0.6078
CMYK	0.84, 0.00, 0.05, 0.59
HSL	177°, 72%, 24%
HSV	177°, 84%, 41%
XYZ	7.5830, 11.1424, 13.8076
YIQ	78.1180, -50.8430, -20.2110

Conversions

Conversions Part 2

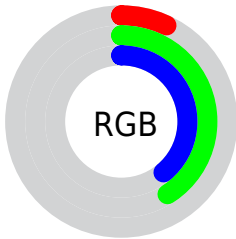
Format	Color
RYB	17, 62, 105
Decimal	1141092
CIELab	39.82, -25.35, -4.24
CIELCh	40, 25.706, 189.495
Yxy	11.1424, 0.2331, 0.3425
Android (android.graphics.Color)	4279331172 (0xFF116964)
YUV	78.1180, 10.7878, -53.6005
Hunter-Lab	33.3803, -17.8656, -1.1589

Details

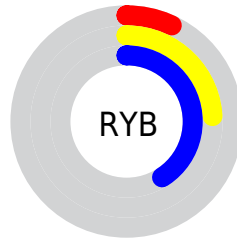
The Hex color **116964** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **691116**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4F9D97**, and **003936** is the 20% darker color. If you saturate the color by 10%, you get **076963**, and if you desaturate by 10%, it is **1B6965**.

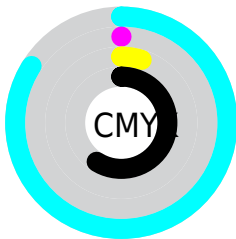
Distribution



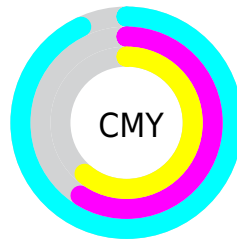
- Red (7%)
- Green (41%)
- Blue (39%)



- Red (7%)
- Yellow (24%)
- Blue (41%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (59%)





- Cyan (93%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116964 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 116964 by changing the saturation by 10% instead.

 116964

 116964

FFFFFF

 00514C

 4F9D97

 003936

 6BB8B1

 002420

 86D4CD

 00000A


 A2F0E9

 000000

 BEFFFF

 DBFFFF

 F8FFFF

 116964

 116964

076963

1B6965

006963

266965

316966

3B6966

466967

506968

5B6968

656969

706969

Harmonies

Analogous

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



34684E



116964



006878

Triad

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



116964



69567E



785837

Complementary

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



116964



691116

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.



845144



116964



7D4F6D

Square

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



116964



4A5E87



864D58



655F34

Rectangle

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



116964



136681



864D58



7C553A

Sweetspot

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



116964



678A88



176911



304544



C4C4C4



454545

Same Dimension

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



116964



008A82



114369



303635



00756F



00F5E7

Inverse Universe

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



691116



8A0008



693711



363030



750007



F5000E

Previews

White Background



This preview shows how the Hex color 116964 looks on a white background.

Color Contrast Check

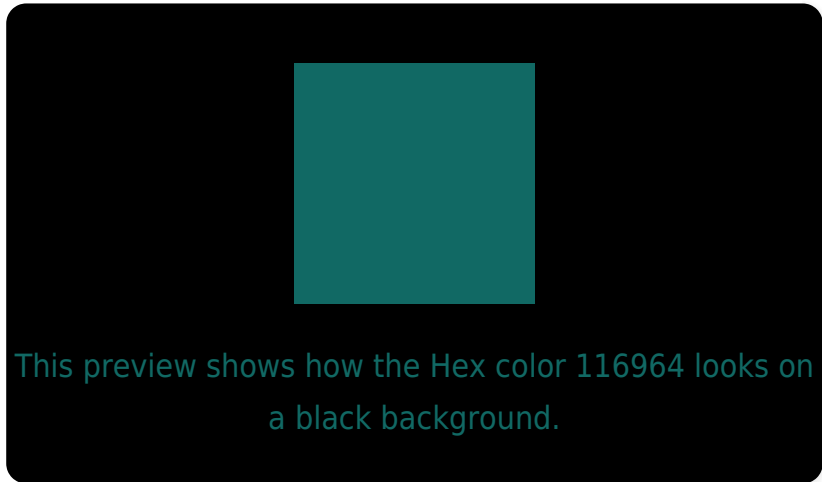
Large Text (above 18pt) WCAG AA ✓ Pass

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

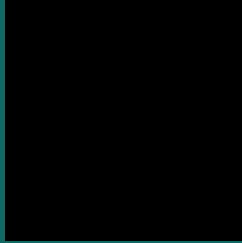
Any Text WCAG AA × Fail

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 116964 Background



This preview shows how black text looks on a background with the Hex color 116964.



This preview shows how white text looks on a background with the Hex color 116964.

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
116964

Protanopia
5F5D5D

Deuteranopia
625B67



Tritanopia
1C6770

Trichromacy



Original Color
116964

Protanomaly
436160

Deuteranomaly
456066

Tritanomaly
18686C

Monochromacy



Original Color
116964

Achromatopsia
4E4E4E

Achromatomaly
385856

CSS Examples

Text

The CSS property to change the color of the text to Hex 116964 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 #116964 looks like.

```
.text, #text, p{  
    color:#116964  
}
```

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 #116964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116964
}
```

Border

The CSS property to change the border of an element to Hex 116964 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
#116964 }
```

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

```
.border{ border-color:#116964 }
```

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

Here you see how a box with a 4 pixel #116964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116964; -webkit-box-shadow:4px 4px  
4px 4px #116964; box-shadow:4px 4px 4px  
4px #116964 }
```

Background

The CSS property to change the background color of an element to Hex 116964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116964 }
```

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

```
.background{ background-color:#116964 }
```

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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