

Converting Colors

Hex(31667C)

Have a look what the booklet for
Hex(31667C) contains.

Hex(31667C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(31667C)

Conversions

Conversions Part 1

Format	Color
Hex	31667C
RGB	49, 102, 124
RGB Percent	19%, 40%, 49%
CMY	0.8078, 0.6000, 0.5137
CMYK	0.60, 0.18, 0.00, 0.51
HSL	198°, 43%, 34%
HSV	198°, 60%, 49%
XYZ	9.6561, 11.6109, 20.8010
YIQ	88.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

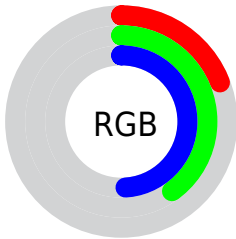
Format	Color
RYB	49, 80, 124
Decimal	3237500
CIELab	40.59, -10.62, -17.62
CIELCh	41, 20.571, 238.913
Yxy	11.6109, 0.2295, 0.2760
Android (android.graphics.Color)	4281427580 (0xFF31667C)
YUV	88.6610, 17.4221, -34.7827
Hunter-Lab	34.0748, -9.0479, -12.3412

Details

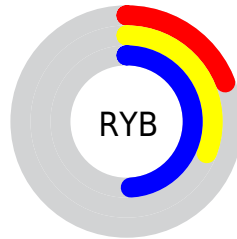
The Hex color **31667C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C4731**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6699B1**, and **00374B** is the 20% darker color. If you saturate the color by 10%, you get **25627C**, and if you desaturate by 10%, it is **3D6A7C**.

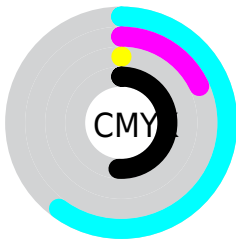
Distribution



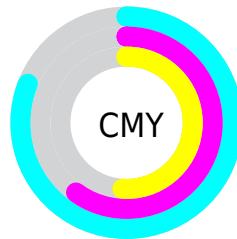
- Red (19%)
- Green (40%)
- Blue (49%)



- Red (19%)
- Yellow (31%)
- Blue (49%)



- Cyan (60%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (81%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31667C 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 31667C by changing the saturation by 10% instead.

■ 31667C

■ 31667C

FFFFFF

■ 124E63

■ 6699B1

■ 00374B

■ 81B4CC

■ 002234

■ 9CCFE8

■ 000620

■ B8ECFF

■ 000003

■ D5FFFF

■ 000000

■ F2FFFF

■ 31667C

■ 31667C

■ 25627C

■ 3D6A7C

■ 185F7C

■ 4A6D7C

■ 0C5B7C

■ 56717C

■ 00587C

■ 63757C

■ 6F787C

■ 7B7C7C

■ 887F7C

■ 94837C

■ A1877C

Harmonies

Analogous

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



28696F



31667C



486181

Triad

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



31667C



7F5361



5A6442

Complementary

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



31667C



7C4731

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.



6C5E3E



31667C



815450

Square

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



31667C



755671



7A5943



47674E

Rectangle

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



31667C



595E7F



7A5943



616240

Sweetspot

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



31667C



8498A1



317C46



404C52



D1D1D1



525252

Same Dimension

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



31667C



2B7EA1



31417C



373B3D



00587D



00B2FC

Inverse Universe

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



7C3166



A12B7E



7C6C31



3D373B



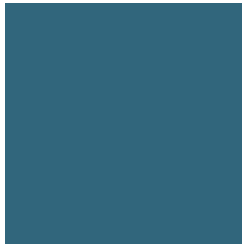
7D0058



FC00B2

Previews

White Background



This preview shows how the Hex color 31667C looks on a white background.

Color Contrast Check

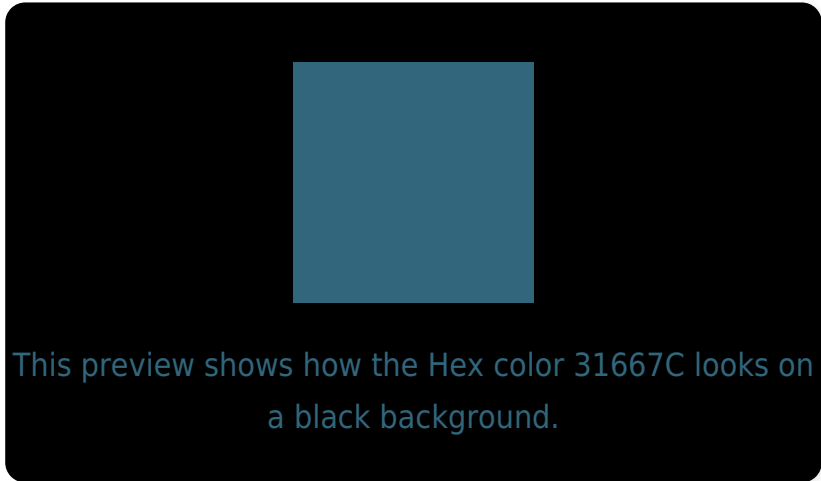
Large Text (above 18pt) WCAG AA ✓ Pass

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

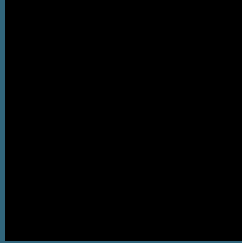
Any Text WCAG AA × Fail

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 31667C Background



This preview shows how black text looks on a background with the Hex color 31667C.



This preview shows how white text looks on a background with the Hex color 31667C.

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](#).

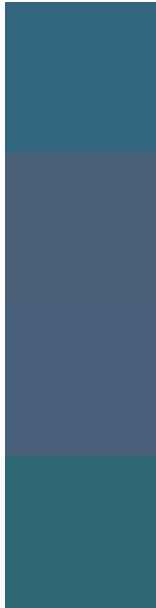
Dichromacy





Tritanopia
2C6870

Trichromacy



Original Color
31667C

Protanomaly
4B6178

Deuteranomaly
4A617D

Tritanomaly
2E6774

Monochromacy



Original Color
31667C

Achromatopsia
595959

Achromatomaly
4A5E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 31667C 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 #31667C looks like.

```
.text, #text, p{  
    color:#31667C  
}
```

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 #31667C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31667C  
}
```

Border

The CSS property to change the border of an element to Hex 31667C is called "border". The border property can be set on classes, ids or directly on the HTML element.

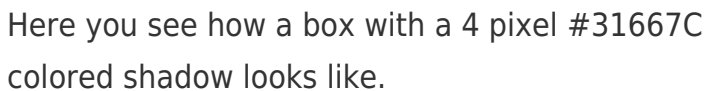
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#31667C }
```

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

```
.border{ border-color:#31667C }
```

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



Here you see how a box with a 4 pixel `#31667C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31667C; -webkit-box-shadow:4px 4px  
4px 4px #31667C; box-shadow:4px 4px 4px  
4px #31667C }
```

Background

The CSS property to change the background color of an element to Hex 31667C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31667C }
```

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

```
.background{ background-color:#31667C }
```

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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