

Converting Colors

Hex(31587C)

Have a look what the booklet for
Hex(31587C) contains.

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Color

Hex(31587C)

Conversions

Conversions Part 1

Format	Color
Hex	31587C
RGB	49, 88, 124
RGB Percent	19%, 35%, 49%
CMY	0.8078, 0.6549, 0.5137
CMYK	0.60, 0.29, 0.00, 0.51
HSL	209°, 43%, 34%
HSV	209°, 60%, 49%
XYZ	8.3944, 9.0877, 20.3804
YIQ	80.4430, -34.8000, 2.9280

Conversions

Conversions Part 2

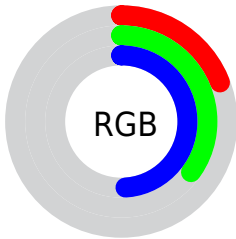
Format	Color
RYB	49, 75, 124
Decimal	3233916
CIELab	36.15, -2.13, -24.49
CIELCh	36, 24.580, 265.031
Yxy	9.0877, 0.2217, 0.2400
Android (android.graphics.Color)	4281423996 (0xFF31587C)
YUV	80.4430, 21.4736, -27.5755
Hunter-Lab	30.1457, -3.0496, -18.9818




Details

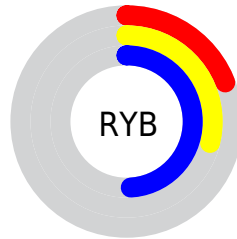
The Hex color **31587C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7C5531**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **668AB1**, and **002B4B** is the 20% darker color. If you saturate the color by 10%, you get **25527C**, and if you desaturate by 10%, it is **3D5E7C**.

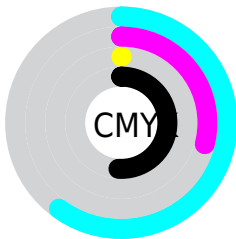
Distribution







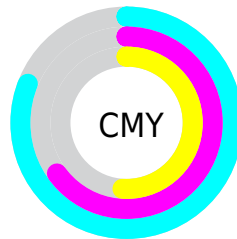
-  Red (19%)
-  Green (35%)
-  Blue (49%)






-  Red (19%)
-  Yellow (29%)
-  Blue (49%)



-  Cyan (60%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (81%)
-  Magenta (65%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31587C 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 31587C by changing the saturation by 10% instead.

■ 31587C

■ 31587C

FFFFFF

■ 134163

■ 668AB1

■ 002B4B

■ 80A4CC

■ 001734

■ 9CBFE8

■ 00021F

■ B7DBFF

■ 000001

■ D4F7FF

■ 000000

■ F1FFFF

■ 31587C

■ 31587C

■ 25527C

■ 3D5E7C

■ 184C7C

■ 4A647C

■ 0C467C

■ 566A7C

■ 00407C

■ 63707C

■ 6F767C

■ 7B7C7C

■ 88827C

■ 94887C

■ A18E7C

Harmonies

Analogous

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



015D75



31587C



525179

Triad

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



31587C



7B4745



3A5D3E

Complementary

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



31587C



7C5531

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.



515931



31587C



744C35

Square

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



31587C



784659



65532D



1D5F51

Rectangle

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



31587C



644C71



65532D



425C38

Sweetspot

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



31587C



8493A1



317C54



404952



D1D1D1



525252

Same Dimension

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



31587C



2B68A1



31337C



373A3D



00417D



0083FC

Inverse Universe

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



7C3158



A12B68



7C7A31



3D373A



7D0041



FC0083

Previews

White Background



This preview shows how the Hex color 31587C looks on a white background.

Color Contrast Check

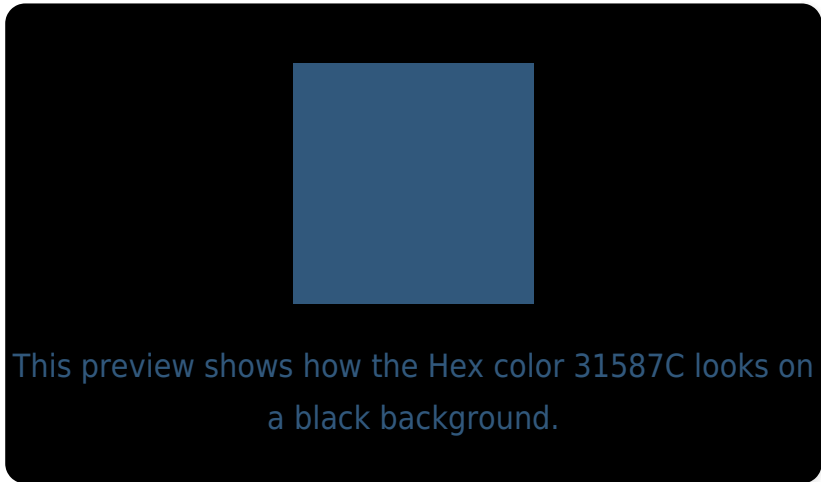
Large Text (above 18pt) WCAG AA ✓ Pass

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

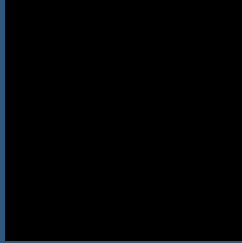
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

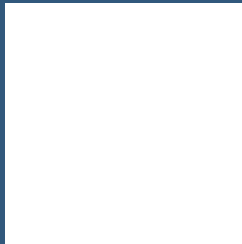
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31587C Background



This preview shows how black text looks on a background with the Hex color 31587C.

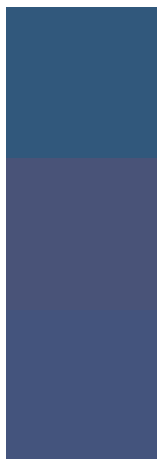


This preview shows how white text looks on a background with the Hex color 31587C.

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
31587C

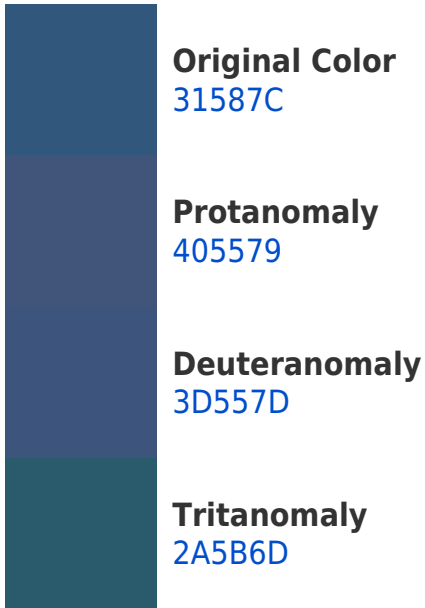
Protanopia
495378

Deuteranopia
44547D

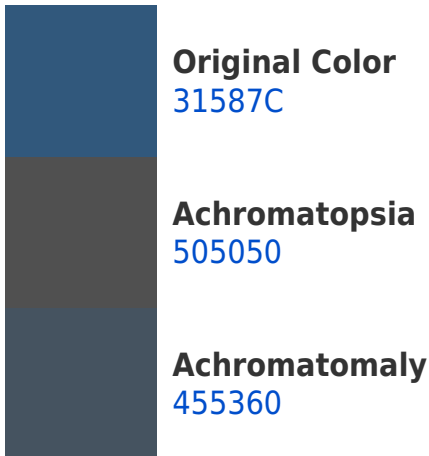


Tritanopia
265D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31587C 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 #31587C looks like.

```
.text, #text, p{  
    color:#31587C  
}
```

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 #31587C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31587C
}
```

Border

The CSS property to change the border of an element to Hex 31587C is called "border". The border property can be set on classes, ids or directly on the HTML element.

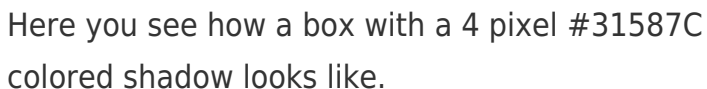
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31587C }
```

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

```
.border{ border-color:#31587C }
```

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



Here you see how a box with a 4 pixel #31587C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31587C; -webkit-box-shadow:4px 4px  
4px 4px #31587C; box-shadow:4px 4px 4px  
4px #31587C }
```

Background

The CSS property to change the background color of an element to Hex 31587C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31587C }
```

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

```
.background{ background-color:#31587C }
```

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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