

Converting Colors

Hex(31587F)

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

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Color

Hex(31587F)

Conversions

Conversions Part 1

Format	Color
Hex	31587F
RGB	49, 88, 127
RGB Percent	19%, 35%, 50%
CMY	0.8078, 0.6549, 0.5020
CMYK	0.61, 0.31, 0.00, 0.50
HSL	210°, 44%, 35%
HSV	210°, 61%, 50%
XYZ	8.5871, 9.1647, 21.3951
YIQ	80.7850, -35.7630, 3.8610

Conversions

Conversions Part 2

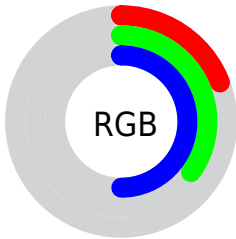
Format	Color
R_{YB}	49, 75, 127
Decimal	3233919
CIE _{Lab}	36.30, -1.07, -26.10
CIE _{LCh}	36, 26.124, 267.648
Yxy	9.1647, 0.2194, 0.2341
Android (android.graphics.Color)	4281423999 (0xFF31587F)
YUV	80.7850, 22.7840, -27.8754
Hunter-Lab	30.2733, -2.3462, -20.7107

Details

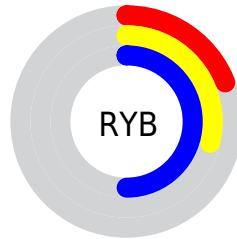
The Hex color **31587F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7F5831**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **668AB4**, and **002B4E** is the 20% darker color. If you saturate the color by 10%, you get **24527F**, and if you desaturate by 10%, it is **3E5E7F**.

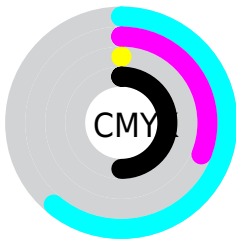
Distribution



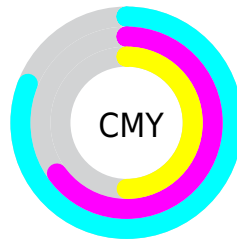
- Red (19%)
- Green (35%)
- Blue (50%)



- Red (19%)
- Yellow (29%)
- Blue (50%)



- Cyan (61%)
- Magenta (31%)
- Yellow (0%)
- Black (50%)



- Cyan (81%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

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

■ 31587F

■ 31587F

FFFFFF

■ 134166

■ 668AB4

■ 002B4E

■ 81A4D0

■ 001737

■ 9CBFEC

■ 000221

■ B8DBFF

■ 000006

■ D4F7FF

■ 000000

■ F1FFFF

■ 31587F

■ 31587F

■ 24527F

■ 3E5E7F

■ 184B7F

■ 4A657F

■ 0B457F

■ 576B7F

■ 00407F

■ 64717F

■ 71787F

■ 7D7E7F

■ 8A847F

■ 978B7F

■ A3917F

Harmonies

Analogous

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



005D78



31587F



55517A

Triad

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



31587F



7D4643



365E3E

Complementary

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



31587F



7F5831

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.



4F5A2F



31587F



744C33

Square

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



31587F



7B4558



64542B



126053

Rectangle

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



31587F



674B72



64542B



3F5D38

Sweetspot

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



31587F



8897A6



317F58



424B54



D4D4D4



545454

Same Dimension

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



31587F



2B68A6



31317F



393D40



004080



000000

Inverse Universe

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



7F3158



A62B68



7F7F31



40393D



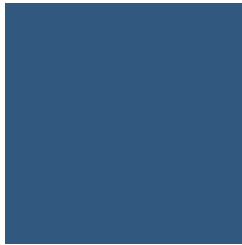
800040



000000

Previews

White Background



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

Color Contrast Check

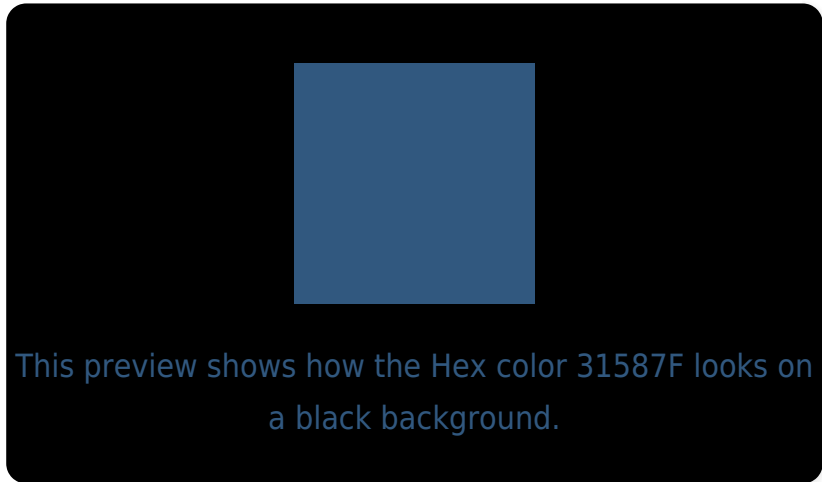
Large Text (above 18pt) WCAG AA ✓ Pass

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 31587F Background



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

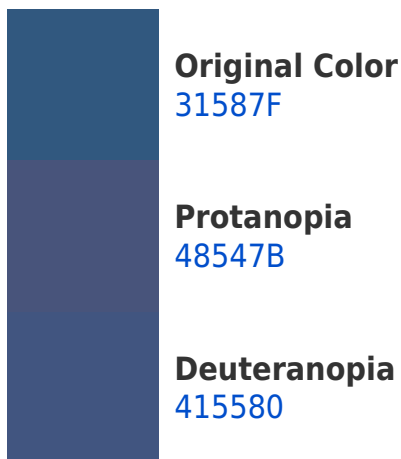



This preview shows how white text looks on a background with the Hex color 31587F.

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](#).

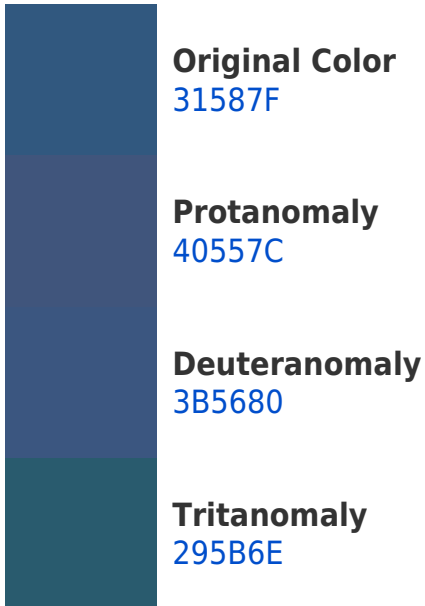
Dichromacy



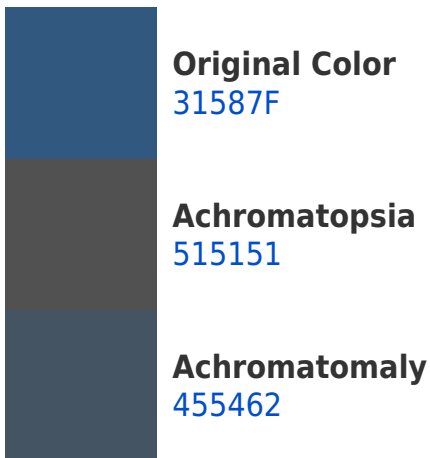


Tritanopia
255D65

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #31587F colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 31587F 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  
#31587F }
```

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

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

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

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

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

Background

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

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

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

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

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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