

Converting Colors

Hex(31467A)

Have a look what the booklet for
Hex(31467A) contains.

Hex(31467A)	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(31467A)

Conversions

Conversions Part 1

Format	Color
Hex	31467A
RGB	49, 70, 122
RGB Percent	19%, 27%, 48%
CMY	0.8078, 0.7255, 0.5216
CMYK	0.60, 0.43, 0.00, 0.52
HSL	223°, 43%, 34%
HSV	223°, 60%, 48%
XYZ	6.9696, 6.4384, 19.2878
YIQ	69.6490, -29.2080, 11.7200

Conversions

Conversions Part 2

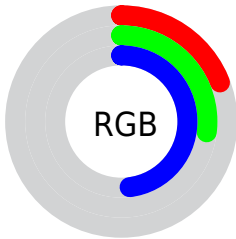
Format	Color
R_{YB}	49, 65, 122
Decimal	3229306
CIE _{Lab}	30.49, 8.88, -32.16
CIE _{LCh}	30, 33.367, 285.435
Yxy	6.4384, 0.2132, 0.1969
Android (android.graphics.Color)	4281419386 (0xFF31467A)
YUV	69.6490, 25.8090, -18.1092
Hunter-Lab	25.3741, 4.6250, -27.3067

Details

The Hex color **31467A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7A6531**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6576AF**, and **001B49** is the 20% darker color. If you saturate the color by 10%, you get **253D7A**, and if you desaturate by 10%, it is **3D4F7A**.

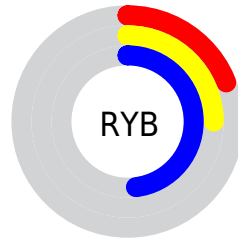
Distribution



Red (19%)

Green (27%)

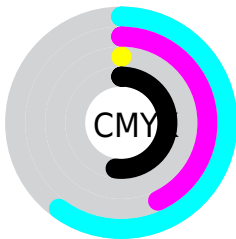
Blue (48%)



Red (19%)

Yellow (25%)

Blue (48%)

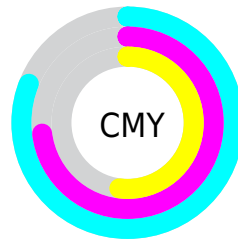


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (52%)



Cyan (81%)

Magenta (73%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31467A 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 31467A by changing the saturation by 10% instead.



31467A



31467A

FFFFFF



143061



6576AF



001B49



8090CA



000032



9BAAE7



00021C



B7C5FF



000000



D3E1FF



F0FEFF



31467A



31467A



253D7A



3D4F7A

■ 19357A

■ 49577A

■ 0C2C7A

■ 56607A

■ 00237A

■ 62697A

■ 6E717A

■ 7A7A7A

■ 86837A

■ 938C7A

■ 9F947A

Harmonies

Analogous

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



004E7A



31467A



5A3B6D

Triad

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



31467A



713824



00543A

Complementary

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



31467A



7A6531

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.



2B5021



31467A



604213

Square

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



31467A



78313B



494B11



005455

Rectangle

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



31467A



6B345E



494B11



085331

Sweetspot

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



31467A



828A9E



317A64



3E434F



CFCFCF



4F4F4F

Same Dimension

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



31467A



2C4D9E



40317A



37393D



00247D



0049FC

Inverse Universe

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



7A3146



9E2C4D



6B7A31



3D3739



7D0024



FC0049

Previews

White Background



This preview shows how the Hex color 31467A looks on a white background.

Color Contrast Check

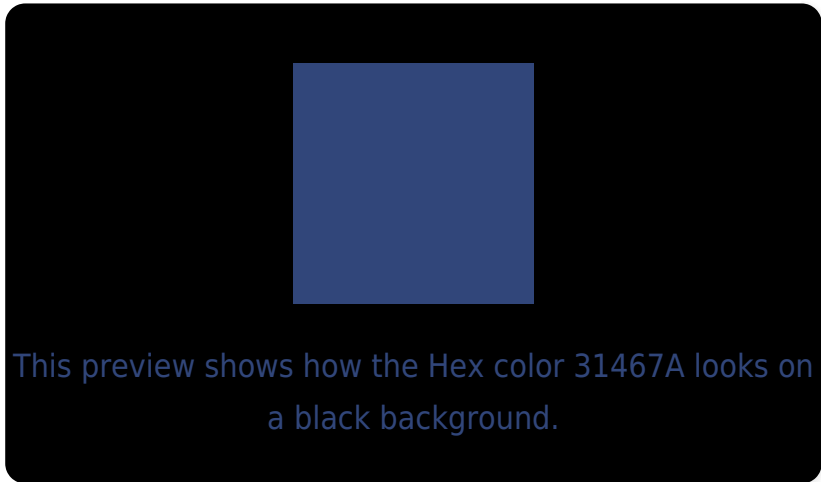
Large Text (above 18pt) WCAG AA ✓ Pass

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 31467A Background



This preview shows how black text looks on a background with the Hex color 31467A.



This preview shows how white text looks on a background with the Hex color 31467A.

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

31467A

Protanopia

31467A

Deuteranopia

244879

Trichromacy



Original Color
31467A

Protanomaly
31467A

Deuteranomaly
294779

Tritanomaly
264B62

Monochromacy



Original Color
31467A

Achromatopsia
464646

Achromatomaly
3E4659

CSS Examples

Text

The CSS property to change the color of the text to Hex 31467A 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 #31467A looks like.

```
.text, #text, p{  
    color:#31467A  
}
```

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 #31467A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31467A
}
```

Border

The CSS property to change the border of an element to Hex 31467A 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".

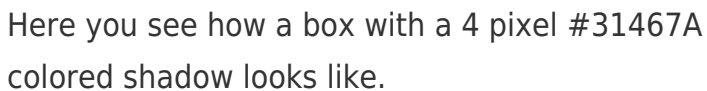
```
.border, #border, table{ border:4px solid
#31467A }
```

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

```
.border{ border-color:#31467A }
```

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

Here you see how a box with a 4 pixel #31467A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31467A; -webkit-box-shadow:4px 4px  
4px 4px #31467A; box-shadow:4px 4px 4px  
4px #31467A }
```

Background

The CSS property to change the background color of an element to Hex 31467A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31467A }
```

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

```
.background{ background-color:#31467A }
```

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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