

Converting Colors

Hex(031477)

Have a look what the booklet for
Hex(031477) contains.

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Color

Hex(031477)

Conversions

Conversions Part 1

Format	Color
Hex	031477
RGB	3, 20, 119
RGB Percent	1%, 8%, 47%
CMY	0.9882, 0.9216, 0.5333
CMYK	0.97, 0.83, 0.00, 0.53
HSL	231°, 95%, 24%
HSV	231°, 97%, 47%
XYZ	3.6175, 1.8516, 17.6195
YIQ	26.2030, -41.9110, 27.1850

Conversions

Conversions Part 2

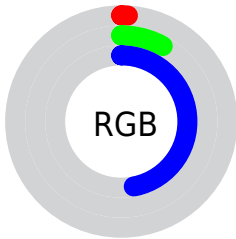
Format	Color
R_YB	3, 18, 119
Decimal	201847
CIE Lab	14.69, 35.91, -56.08
CIE LCh	15, 66.589, 302.635
Yxy	1.8516, 0.1567, 0.0802
Android (android.graphics.Color)	4278391927 (0xFF031477)
YUV	26.2030, 45.7489, -20.3490
Hunter-Lab	13.6073, 23.6413, -67.2470

Details

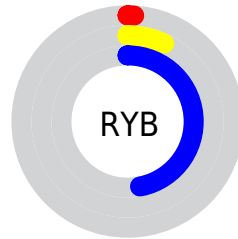
The Hex color **031477** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **776603**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4E40AC**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **001177**, and if you desaturate by 10%, it is **0F1E77**.

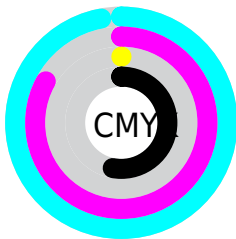
Distribution



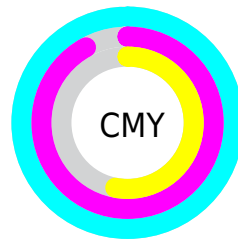
- Red (1%)
- Green (8%)
- Blue (47%)



- Red (1%)
- Yellow (7%)
- Blue (47%)



- Cyan (97%)
- Magenta (83%)
- Yellow (0%)
- Black (53%)



- Cyan (99%)
- Magenta (92%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 031477 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 031477 by changing the saturation by 10% instead.

■ 031477

■ 031477

■ FFF9FF

■ 00005E

■ 4E40AC

■ 000045

■ 6B58C8

■ 00032E

■ 8771E5

■ 000118

■ A48BFF

■ 000000

■ C1A5FF

■ DEC1FF

■ FCDDFF

■ 031477

■ 031477

■ 001177

■ 0F1E77

■ 1B2877

■ 273277

■ 333D77

■ 3F4777

■ 4A5177

■ 565B77

■ 626577

■ 6E6F77

Harmonies

Analogous

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



002D87



031477



5B0051

Triad

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



031477



4F0A00



003528

Complementary

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



031477



776603

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.



003400



031477



2C2500

Square

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



031477



670000



002F00



003658

Rectangle

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



031477



6B0033



002F00



003517

Sweetspot

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



031477



6E759C



037766



33374F



CFCFCF



4F4F4F

Same Dimension

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



031477



00179C



2C0377



35363B



00127A



0025FA

Inverse Universe

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



770314



9C0017



4E7703



3B3536



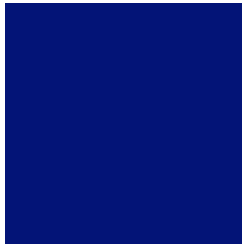
7A0012



FA0025

Previews

White Background



This preview shows how the Hex color 031477 looks on a white background.

Color Contrast Check

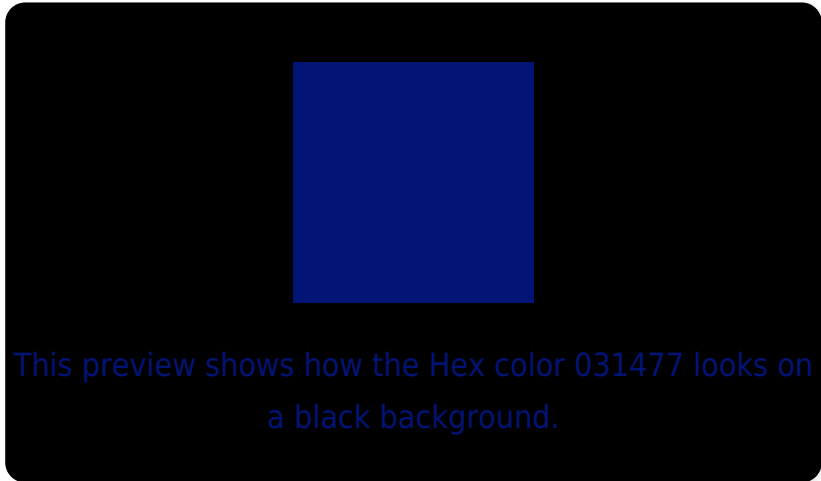
Large Text (above 18pt) WCAG AA ✓ Pass

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

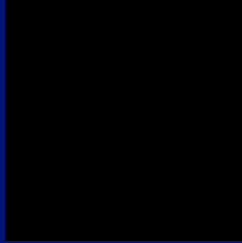
Any Text WCAG AA × Fail

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 031477 Background



This preview shows how black text looks on a background with the Hex color 031477.



This preview shows how white text looks on a background with the Hex color 031477.

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

031477

Protanopia

00264F

Deuteranopia

002843



Tritanopia
002B2D

Trichromacy



Original Color
031477

Protanomaly
011F5E

Deuteranomaly
012156

Tritanomaly
012348

Monochromacy



Original Color
031477

Achromatopsia
1A1A1A

Achromatomaly
12183C

CSS Examples

Text

The CSS property to change the color of the text to Hex 031477 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 #031477 looks like.

```
.text, #text, p{  
  color:#031477  
}
```

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 #031477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #031477
}
```

Border

The CSS property to change the border of an element to Hex 031477 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
#031477 }
```

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

```
.border{ border-color:#031477 }
```

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

Here you see how a box with a 4 pixel #031477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #031477; -webkit-box-shadow:4px 4px  
4px 4px #031477; box-shadow:4px 4px 4px  
4px #031477 }
```

Background

The CSS property to change the background color of an element to Hex 031477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#031477 }
```

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

```
.background{ background-color:#031477 }
```

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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