

Converting Colors

Hex(30147B)

Have a look what the booklet for
Hex(30147B) contains.

Hex(30147B)	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(30147B)

Conversions

Conversions Part 1

Format	Color
Hex	30147B
RGB	48, 20, 123
RGB Percent	19%, 8%, 48%
CMY	0.8118, 0.9216, 0.5176
CMYK	0.61, 0.84, 0.00, 0.52
HSL	256°, 72%, 28%
HSV	256°, 84%, 48%
XYZ	5.0442, 2.5588, 18.9669
YIQ	40.1140, -16.3750, 37.9690

Conversions

Conversions Part 2

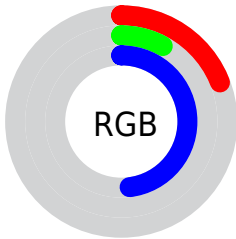
Format	Color
R_{YB}	48, 20, 123
Decimal	3150971
CIE _{Lab}	18.18, 40.56, -52.76
CIE _{LCh}	18, 66.551, 307.551
Yxy	2.5588, 0.1898, 0.0963
Android (android.graphics.Color)	4281341051 (0xFF30147B)
YUV	40.1140, 40.8628, 6.9160
Hunter-Lab	15.9961, 28.2953, -59.1042

Details

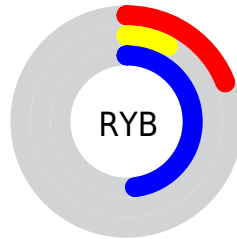
The Hex color **30147B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5F7B14**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6844B1**, and **000049** is the 20% darker color. If you saturate the color by 10%, you get **27087B**, and if you desaturate by 10%, it is **39207B**.

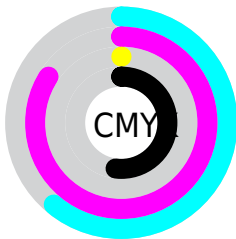
Distribution



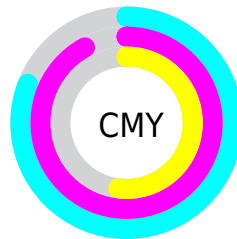
- Red (19%)
- Green (8%)
- Blue (48%)



- Red (19%)
- Yellow (8%)
- Blue (48%)



- Cyan (61%)
- Magenta (84%)
- Yellow (0%)
- Black (52%)



- Cyan (81%)
- Magenta (92%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30147B 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 30147B by changing the saturation by 10% instead.

■ 30147B

■ 30147B

FFFFFF

■ 0C0061

■ 6844B1

■ 000049

■ 845CCC

■ 000431

■ A075E9

■ 00011B

■ BC90FF

■ 000000

■ D9AAFF

■ F7C6FF

■ FFE2FF

■ 30147B

■ 30147B

■ 27087B

■ 39207B

■ 21007B

■ 422D7B

■ 4B397B

■ 54457B

■ 5D527B

■ 665E7B

■ 6F6A7B

■ 78767B

■ 81837B

Harmonies

Analogous

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



00318F



30147B



6A0052

Triad

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



30147B



541900



003D38

Complementary

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



30147B



5F7B14

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.



003B00



30147B



2D2F00

Square

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



30147B



6F0000



003800



003E67

Rectangle

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



30147B



770033



003800



003D27

Sweetspot

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



30147B



8378A1



14607B



403952



D1D1D1



525252

Same Dimension

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



30147B



2C00A1



63147B



39373D



22007D



4500FC

Inverse Universe

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



7B145F



A10075



2C7B14



3D373C



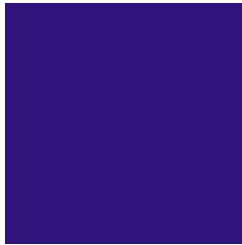
7D005B



FC00B8

Previews

White Background



This preview shows how the Hex color 30147B looks on a white background.

Color Contrast Check

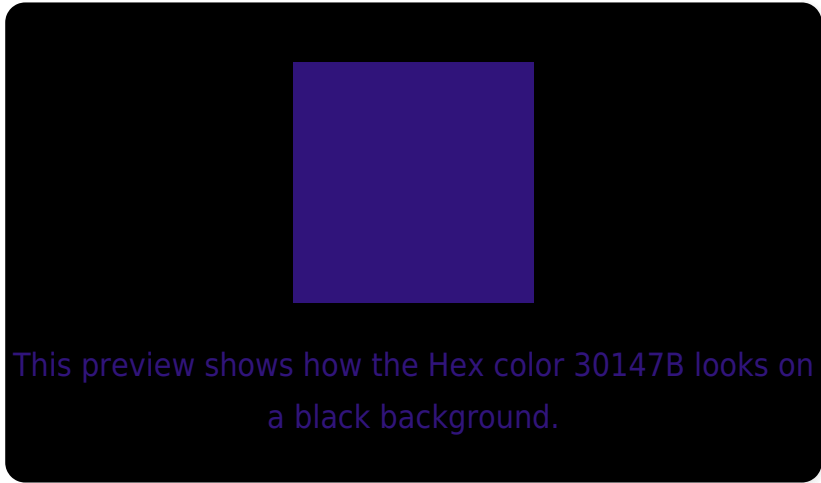
Large Text (above 18pt) WCAG AA ✓ Pass

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

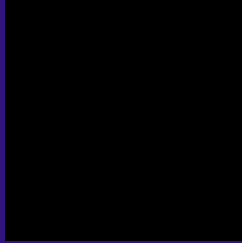
Any Text WCAG AA × Fail

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 30147B Background



This preview shows how black text looks on a background with the Hex color 30147B.



This preview shows how white text looks on a background with the Hex color 30147B.

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
30147B

Protanopia
002C5D

Deuteranopia
002F4F

Trichromacy



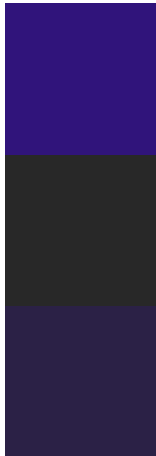
Original Color
30147B

Protanomaly
112368

Deuteranomaly
11255F

Tritanomaly
182750

Monochromacy



Original Color
30147B

Achromatopsia
282828

Achromatomaly
2B2146

CSS Examples

Text

The CSS property to change the color of the text to Hex 30147B 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 #30147B looks like.

```
.text, #text, p{  
    color:#30147B  
}
```

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 #30147B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30147B
}
```

Border

The CSS property to change the border of an element to Hex 30147B is called "border". The border property can be set on classes, ids or directly on the HTML element.

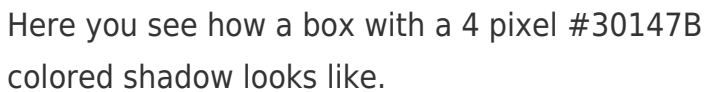
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30147B }
```

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

```
.border{ border-color:#30147B }
```

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



Here you see how a box with a 4 pixel #30147B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30147B; -webkit-box-shadow:4px 4px  
4px 4px #30147B; box-shadow:4px 4px 4px  
4px #30147B }
```

Background

The CSS property to change the background color of an element to Hex 30147B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30147B }
```

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

```
.background{ background-color:#30147B }
```

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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