

Converting Colors

Hex(34187D)

Have a look what the booklet for
Hex(34187D) contains.

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Color

Hex(34187D)

Conversions

Conversions Part 1

Format	Color
Hex	34187D
RGB	52, 24, 125
RGB Percent	20%, 9%, 49%
CMY	0.7961, 0.9059, 0.5098
CMYK	0.58, 0.81, 0.00, 0.51
HSL	257°, 68%, 29%
HSV	257°, 81%, 49%
XYZ	5.4445, 2.8640, 19.6679
YIQ	43.8860, -15.7330, 37.3470

Conversions

Conversions Part 2

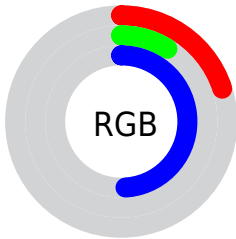
Format	Color
R_{YB}	52, 24, 125
Decimal	3414141
CIE _{Lab}	19.49, 39.76, -51.87
CIE _{LCh}	19, 65.355, 307.477
Yxy	2.8640, 0.1946, 0.1024
Android (android.graphics.Color)	4281604221 (0xFF34187D)
YUV	43.8860, 39.9892, 7.1160
Hunter-Lab	16.9234, 27.8100, -57.0589

Details

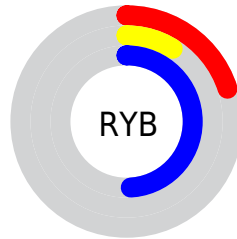
The Hex color **34187D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **617D18**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6C47B3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **2B0C7D**, and if you desaturate by 10%, it is **3D257D**.

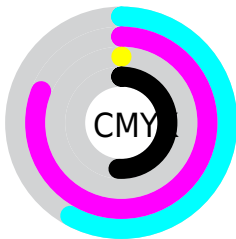
Distribution



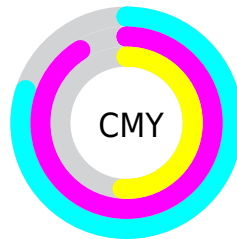
- Red (20%)
- Green (9%)
- Blue (49%)



- Red (20%)
- Yellow (9%)
- Blue (49%)



- Cyan (58%)
- Magenta (81%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34187D 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 34187D by changing the saturation by 10% instead.

■ 34187D

■ 34187D

FFFFFF

■ 130163

■ 6C47B3

■ 00004B

■ 8760CF

■ 000433

■ A379EB

■ 00021D

■ C094FF

■ 000000

■ DDAFFF

■ FACAFF

■ FFE7FF

■ 34187D

■ 34187D

■ 2B0C7D

■ 3D257D

■ 23007D

■ 46317D

■ 4F3D7D

■ 584A7D

■ 61567D

■ 6A637D

■ 73707D

■ 7C7C7D

■ 85897D

Harmonies

Analogous

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



003491



34187D



6D0055

Triad

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



34187D



571D00



00403B

Complementary

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



34187D



617D18

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.



003E03



34187D



313200

Square

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



34187D



720000



003B00



004069

Rectangle

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



34187D



7A0036



003B00



003F2A

Sweetspot

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



34187D



877CA3



18627D



403A52



D1D1D1



525252

Same Dimension

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



34187D



3105A3



65187D



3B3940



230080



000000

Inverse Universe

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



7D1861



A30577



307D18



40393E



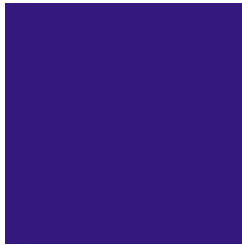
80005C



000000

Previews

White Background



This preview shows how the Hex color 34187D looks on a white background.

Color Contrast Check

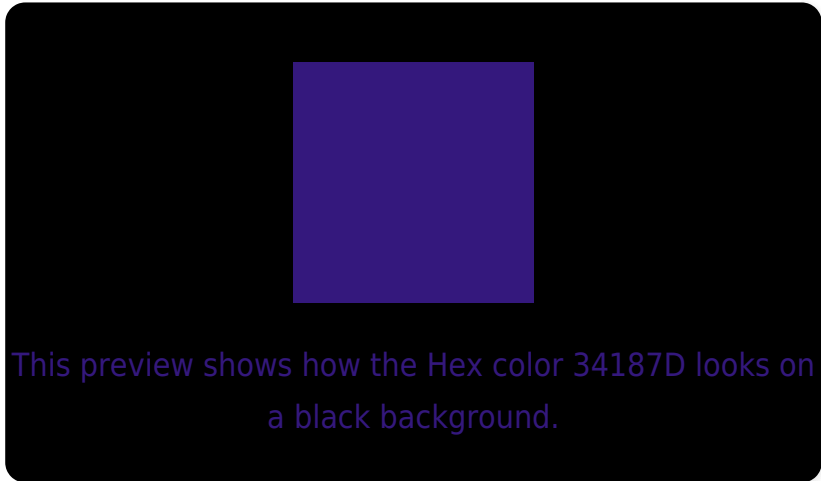
Large Text (above 18pt) WCAG AA ✓ Pass

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

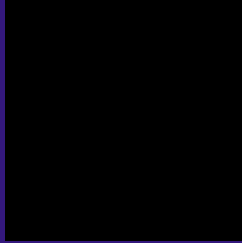
Any Text WCAG AA × Fail

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 34187D Background



This preview shows how black text looks on a background with the Hex color 34187D.



This preview shows how white text looks on a background with the Hex color 34187D.

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](#).

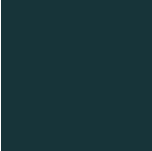
Dichromacy



Original Color
34187D

Protanopia
002F62

Deuteranopia
003254



Tritanopia
173439

Trichromacy



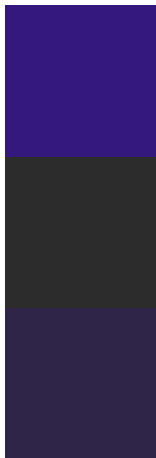
Original Color
34187D

Protanomaly
13276C

Deuteranomaly
132963

Tritanomaly
222A52

Monochromacy



Original Color
34187D

Achromatopsia
2C2C2C

Achromatomaly
2F2549

CSS Examples

Text

The CSS property to change the color of the text to Hex 34187D 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 #34187D looks like.

```
.text, #text, p{  
    color:#34187D  
}
```

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 #34187D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34187D
}
```

Border

The CSS property to change the border of an element to Hex 34187D 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
#34187D }
```

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

```
.border{ border-color:#34187D }
```

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

Here you see how a box with a 4 pixel #34187D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34187D; -webkit-box-shadow:4px 4px  
4px 4px #34187D; box-shadow:4px 4px 4px  
4px #34187D }
```

Background

The CSS property to change the background color of an element to Hex 34187D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34187D }
```

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

```
.background{ background-color:#34187D }
```

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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