

Converting Colors

Hex(21387B)

Have a look what the booklet for
Hex(21387B) contains.

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Color

Hex(21387B)

Conversions

Conversions Part 1

Format	Color
Hex	21387B
RGB	33, 56, 123
RGB Percent	13%, 22%, 48%
CMY	0.8706, 0.7804, 0.5176
CMYK	0.73, 0.54, 0.00, 0.52
HSL	225°, 58%, 31%
HSV	225°, 73%, 48%
XYZ	5.6165, 4.5817, 19.3272
YIQ	56.7610, -35.2150, 15.9610

Conversions

Conversions Part 2

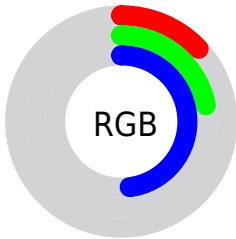
Format	Color
R_{YB}	33, 51, 123
Decimal	2177147
CIE _{Lab}	25.51, 15.84, -40.83
CIE _{LCh}	26, 43.797, 291.197
Yxy	4.5817, 0.1902, 0.1552
Android (android.graphics.Color)	4280367227 (0xFF21387B)
YUV	56.7610, 32.6558, -20.8384
Hunter-Lab	21.4050, 9.3784, -38.5513

Details

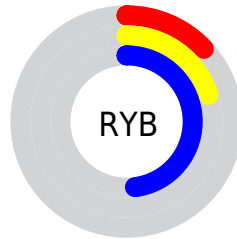
The Hex color **21387B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7B6421**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5A66B0**, and **000F49** is the 20% darker color. If you saturate the color by 10%, you get **152F7B**, and if you desaturate by 10%, it is **2D417B**.

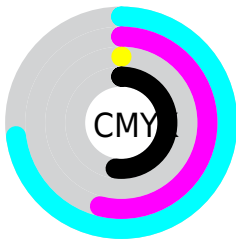
Distribution



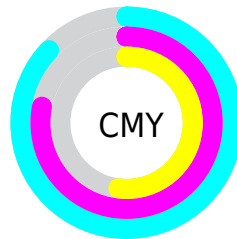
- Red (13%)
- Green (22%)
- Blue (48%)



- Red (13%)
- Yellow (20%)
- Blue (48%)



- Cyan (73%)
- Magenta (54%)
- Yellow (0%)
- Black (52%)



- Cyan (87%)
- Magenta (78%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21387B 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 21387B by changing the saturation by 10% instead.

■ 21387B

■ 21387B

FFFFFF

■ 002362

■ 5A66B0

■ 000F49

■ 757FCC

■ 000432

■ 9199E8

■ 00021C

■ ADB4FF

■ 000000

■ C9CFFF

■ E6ECFF

■ 21387B

■ 21387B

■ 152F7B

■ 2D417B

08267B

3A4A7B

001F7B

46537B

525D7B

5F667B

6B6F7B

77787B

83817B

908A7B

Harmonies

Analogous

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



00437F



21387B



5A2767

Triad

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



21387B



692805



004A31

Complementary

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



21387B



7B6421

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.



00480E



21387B



533700

Square

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



21387B



751727



354200



004B54

Rectangle

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



21387B



6C1B53



354200



004A26

Sweetspot

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



21387B



7D86A1



217B63



3C4252



D1D1D1



525252

Same Dimension

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



21387B



1337A1



36217B



37393D



00207D



0041FC

Inverse Universe

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



7B2138



A11337



667B21



3D3739



7D0020



FC0041

Previews

White Background



This preview shows how the Hex color 21387B looks on a white background.

Color Contrast Check

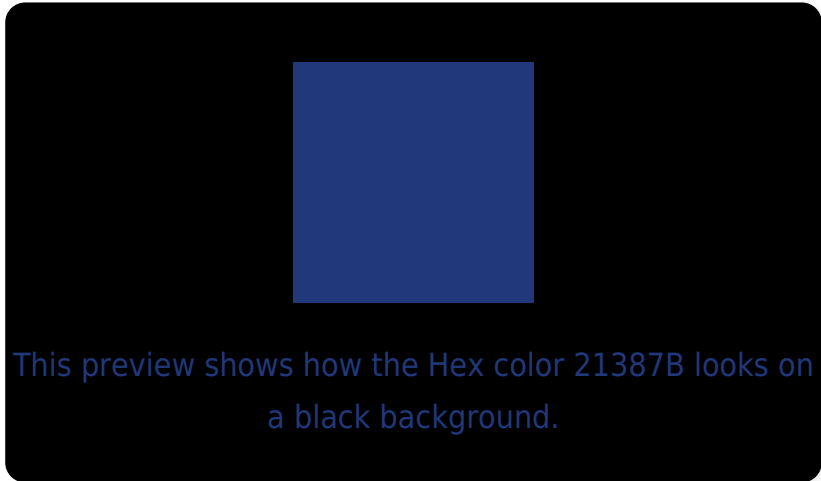
Large Text (above 18pt) WCAG AA ✓ Pass

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 21387B Background



This preview shows how black text looks on a background with the Hex color 21387B.



This preview shows how white text looks on a background with the Hex color 21387B.

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
21387B

Protanopia
003A7C

Deuteranopia
003E6B

Trichromacy



Original Color
21387B

Protanomaly
0C397C

Deuteranomaly
0C3C71

Tritanomaly
0C3F5B

Monochromacy



Original Color
21387B

Achromatopsia
393939

Achromatomaly
303951

CSS Examples

Text

The CSS property to change the color of the text to Hex 21387B 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 #21387B looks like.

```
.text, #text, p{  
    color:#21387B  
}
```

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 #21387B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21387B  
}
```

Border

The CSS property to change the border of an element to Hex 21387B 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".

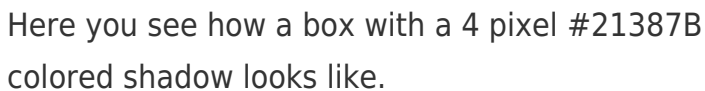
```
.border, #border, table{ border:4px solid  
#21387B }
```

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

```
.border{ border-color:#21387B }
```

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

Here you see how a box with a 4 pixel #21387B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21387B; -webkit-box-shadow:4px 4px  
4px 4px #21387B; box-shadow:4px 4px 4px  
4px #21387B }
```

Background

The CSS property to change the background color of an element to Hex 21387B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21387B }
```

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

```
.background{ background-color:#21387B }
```

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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