

Converting Colors

Hex(18207E)

Have a look what the booklet for
Hex(18207E) contains.

Hex(18207E)	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(18207E)

Conversions

Conversions Part 1

Format	Color
Hex	18207E
RGB	24, 32, 126
RGB Percent	9%, 13%, 49%
CMY	0.9059, 0.8745, 0.5059
CMYK	0.81, 0.75, 0.00, 0.51
HSL	235°, 68%, 29%
HSV	235°, 81%, 49%
XYZ	4.6591, 2.7336, 20.0207
YIQ	40.3240, -34.9420, 27.5380

Conversions

Conversions Part 2

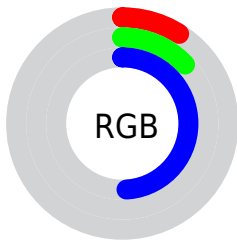
Format	Color
R_{YB}	24, 31, 126
Decimal	1581182
CIE _{Lab}	18.94, 32.37, -53.48
CIE _{LCh}	19, 62.514, 301.185
Yxy	2.7336, 0.1700, 0.0997
Android (android.graphics.Color)	4279771262 (0xFF18207E)
YUV	40.3240, 42.2383, -14.3161
Hunter-Lab	16.5335, 21.3671, -60.2219

Details

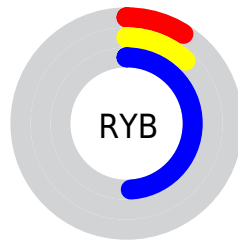
The Hex color **18207E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7E7618**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **574DB4**, and **00004C** is the 20% darker color. If you saturate the color by 10%, you get **0B147E**, and if you desaturate by 10%, it is **252C7E**.

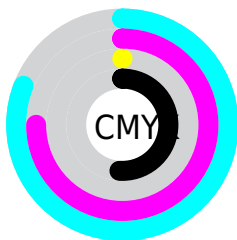
Distribution



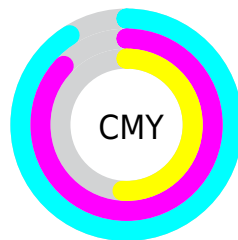
- Red (9%)
- Green (13%)
- Blue (49%)



- Red (9%)
- Yellow (12%)
- Blue (49%)



- Cyan (81%)
- Magenta (75%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (87%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18207E 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 18207E by changing the saturation by 10% instead.

 18207E

 18207E

FFFFFF

 000C64

 574DB4

 00004C

 7465D0

 000434

 907EEC

 00021E

 AC98FF

 000000

 C9B3FF

 E6CFFF

 FFE8FF

 18207E

 18207E

■ 0B147E

■ 252C7E

■ 000A7E

■ 31377E

■ 3E437E

■ 4A4E7E

■ 575A7E

■ 64667E

■ 70717E

■ 7D7D7E

■ 89897E

Harmonies

Analogous

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



00358C



18207E



62005B

Triad

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



18207E



5B1600



003E2F

Complementary

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



18207E



7E7618

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.



003C00



18207E



382D00

Square

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



18207E



720000



003800



003F5D

Rectangle

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



18207E



73003E



003800



003D1F

Sweetspot

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



18207E



7C7FA3



187E76



3A3C52



D1D1D1



525252

Same Dimension

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



18207E



0511A3



43187E



393A40



000A80



000000

Inverse Universe

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



7E1820



A30511



547E18



40393A



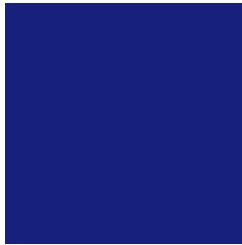
80000A



000000

Previews

White Background



This preview shows how the Hex color 18207E looks on a white background.

Color Contrast Check

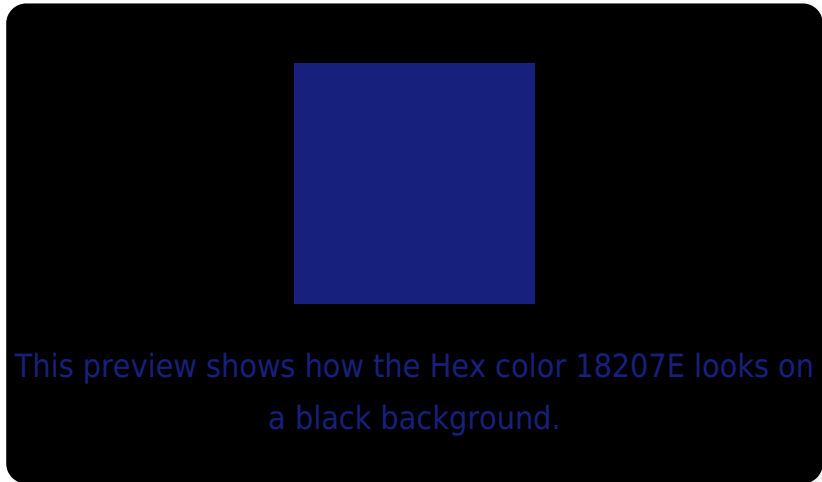
Large Text (above 18pt) WCAG AA ✓ Pass

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

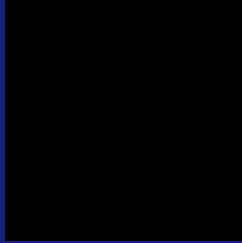
Any Text WCAG AA × Fail

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 18207E Background



This preview shows how black text looks on a background with the Hex color 18207E.



This preview shows how white text looks on a background with the Hex color 18207E.

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
18207E

Protanopia
002D5F

Deuteranopia
003051

Trichromacy



Original Color
18207E

Protanomaly
09286A

Deuteranomaly
092A61

Tritanomaly
092D51

Monochromacy



Original Color
18207E

Achromatopsia
282828

Achromatomaly
222547

CSS Examples

Text

The CSS property to change the color of the text to Hex 18207E 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 #18207E looks like.

```
.text, #text, p{  
    color:#18207E  
}
```

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 #18207E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18207E
}
```

Border

The CSS property to change the border of an element to Hex 18207E is called "border". The border property can be set on classes, ids or directly on the HTML element.

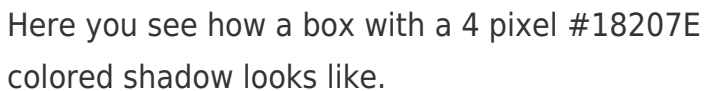
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18207E }
```

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

```
.border{ border-color:#18207E }
```

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



Here you see how a box with a 4 pixel #18207E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18207E; -webkit-box-shadow:4px 4px  
4px 4px #18207E; box-shadow:4px 4px 4px  
4px #18207E }
```

Background

The CSS property to change the background color of an element to Hex 18207E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18207E }
```

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

```
.background{ background-color:#18207E }
```

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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