

Converting Colors

Hex(19227D)

Have a look what the booklet for
Hex(19227D) contains.

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Color

Hex(19227D)

Conversions

Conversions Part 1

Format	Color
Hex	19227D
RGB	25, 34, 125
RGB Percent	10%, 13%, 49%
CMY	0.9020, 0.8667, 0.5098
CMYK	0.80, 0.73, 0.00, 0.51
HSL	235°, 67%, 29%
HSV	235°, 80%, 49%
XYZ	4.6746, 2.8314, 19.7022
YIQ	41.6830, -34.5750, 26.3930

Conversions

Conversions Part 2

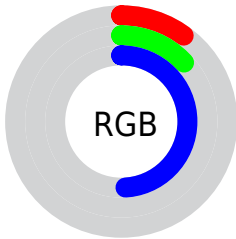
Format	Color
R_{YB}	25, 33, 125
Decimal	1647229
CIE Lab	19.36, 30.80, -52.16
CIE LCh	19, 60.577, 300.557
Yxy	2.8314, 0.1718, 0.1041
Android (android.graphics.Color)	4279837309 (0xFF19227D)
YUV	41.6830, 41.0753, -14.6310
Hunter-Lab	16.8268, 20.1419, -57.6430




Details

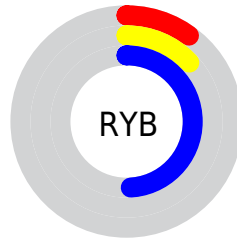
The Hex color **19227D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7D7419**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **584FB3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **0C177D**, and if you desaturate by 10%, it is **262D7D**.

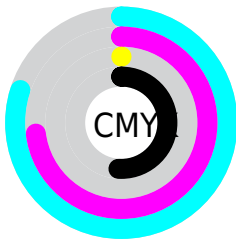
Distribution







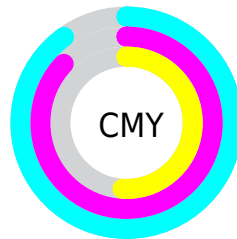
-  Red (10%)
-  Green (13%)
-  Blue (49%)






-  Red (10%)
-  Yellow (13%)
-  Blue (49%)



-  Cyan (80%)
-  Magenta (73%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (90%)
-  Magenta (87%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19227D 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 19227D by changing the saturation by 10% instead.

■ 19227D

■ 19227D

FFFFFF

■ 000E63

■ 584FB3

■ 00004B

■ 7467CF

■ 000433

■ 9080EB

■ 00021D

■ AC9AFF

■ 000000

■ C9B5FF

■ E6D1FF

■ FFEDFF

■ 19227D

■ 19227D

■ 0C177D

■ 262D7D

■ 000B7D

■ 32397D

■ 3F447D

■ 4B4F7D

■ 575B7D

■ 64667D

■ 71727D

■ 7D7D7D

■ 8A887D

Harmonies

Analogous

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



00368A



19227D



61005B

Triad

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



19227D



5B1700



003F2F

Complementary

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



19227D



7D7419

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.



003D00



19227D



3A2E00

Square

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



19227D



710000



033800



003F5B

Rectangle

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



19227D



72003F



033800



003E1F

Sweetspot

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



19227D



7C80A3



197D73



3A3C52



D1D1D1



525252

Same Dimension

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



19227D



0715A3



41197D



393A40



000B80



000000

Inverse Universe

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



7D1922



A30715



557D19



40393A



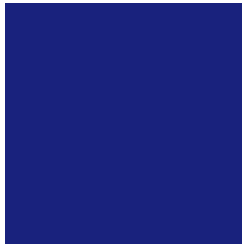
80000B



000000

Previews

White Background



This preview shows how the Hex color 19227D looks on a white background.

Color Contrast Check

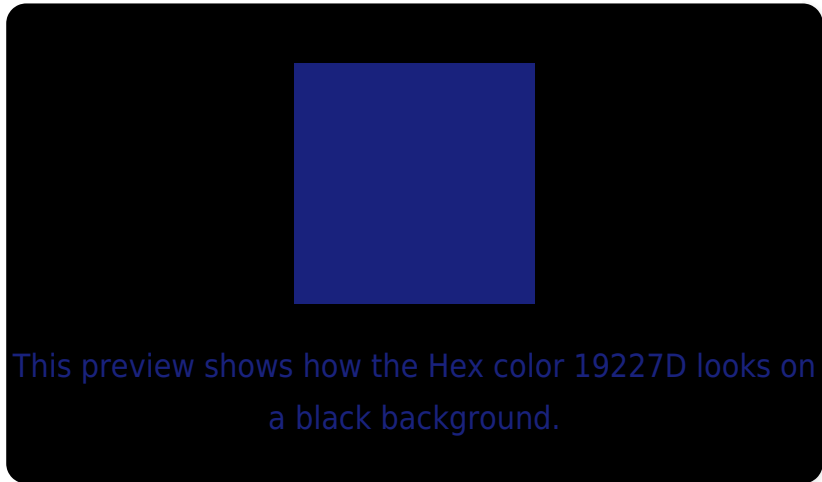
Large Text (above 18pt) WCAG AA ✓ Pass

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

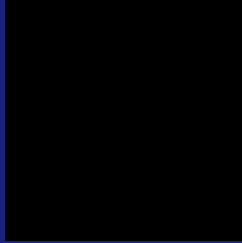
Any Text WCAG AA × Fail

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 19227D Background



This preview shows how black text looks on a background with the Hex color 19227D.



This preview shows how white text looks on a background with the Hex color 19227D.

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
19227D

Protanopia
002E60

Deuteranopia
003152

Trichromacy



Original Color
19227D

Protanomaly
092A6B

Deuteranomaly
092C62

Tritanomaly
092E51

Monochromacy



Original Color
19227D

Achromatopsia
2A2A2A

Achromatomaly
242748

CSS Examples

Text

The CSS property to change the color of the text to Hex 19227D 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 #19227D looks like.

```
.text, #text, p{  
    color:#19227D  
}
```

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 #19227D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19227D
}
```

Border

The CSS property to change the border of an element to Hex 19227D 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".

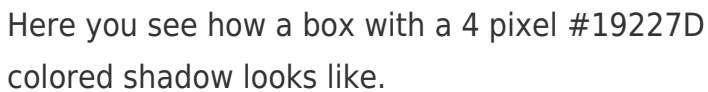
```
.border, #border, table{ border:4px solid
#19227D }
```

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

```
.border{ border-color:#19227D }
```

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

Here you see how a box with a 4 pixel #19227D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19227D; -webkit-box-shadow:4px 4px  
4px 4px #19227D; box-shadow:4px 4px 4px  
4px #19227D }
```

Background

The CSS property to change the background color of an element to Hex 19227D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19227D }
```

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

```
.background{ background-color:#19227D }
```

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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