

Converting Colors

Hex(19327C)

Have a look what the booklet for
Hex(19327C) contains.

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Color

Hex(19327C)

Conversions

Conversions Part 1

Format	Color
Hex	19327C
RGB	25, 50, 124
RGB Percent	10%, 20%, 49%
CMY	0.9020, 0.8039, 0.5137
CMYK	0.80, 0.60, 0.00, 0.51
HSL	225°, 66%, 29%
HSV	225°, 80%, 49%
XYZ	5.1796, 3.9431, 19.5569
YIQ	50.9610, -38.6540, 17.7140

Conversions

Conversions Part 2

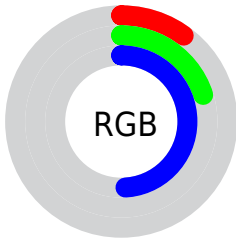
Format	Color
R_{YB}	25, 45, 124
Decimal	1651324
CIE _{Lab}	23.48, 19.38, -44.77
CIE _{LCh}	23, 48.785, 293.408
Yxy	3.9431, 0.1806, 0.1375
Android (android.graphics.Color)	4279841404 (0xFF19327C)
YUV	50.9610, 36.0082, -22.7678
Hunter-Lab	19.8573, 11.8099, -44.4930




Details

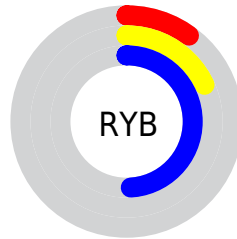
The Hex color **19327C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C6319**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **5660B1**, and **00064A** is the 20% darker color. If you saturate the color by 10%, you get **0D297C**, and if you desaturate by 10%, it is **253B7C**.

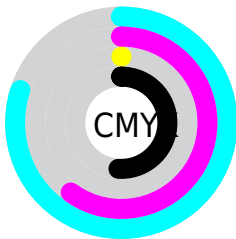
Distribution







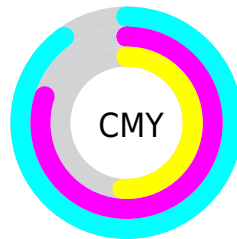
-  Red (10%)
-  Green (20%)
-  Blue (49%)






-  Red (10%)
-  Yellow (18%)
-  Blue (49%)



-  Cyan (80%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (90%)
-  Magenta (80%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19327C 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 19327C by changing the saturation by 10% instead.

■ 19327C

■ 19327C

FFFFFF

■ 001D63

■ 5660B1

■ 00064A

■ 7178CD

■ 000433

■ 8D92EA

■ 00021D

■ A9ADFF

■ 000000

■ C6C8FF

■ E3E4FF

■ 19327C

■ 19327C

■ 0D297C

■ 253B7C

■ 001F7C

■ 32457C

■ 3E4E7C

■ 4B577C

■ 57607C

■ 636A7C

■ 70737C

■ 7C7C7C

■ 89857C

Harmonies

Analogous

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



003F82



19327C



5A1C64

Triad

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



19327C



662200



00462E

Complementary

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



19327C



7C6319

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.



004404



19327C



4C3400

Square

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



19327C



75051E



2B3E00



004754

Rectangle

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



19327C



6D064E



2B3E00



004621

Sweetspot

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



19327C



7A84A1



197C62



3A4052



D1D1D1



525252

Same Dimension

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



19327C



062DA1



30197C



37393D



00207D



0040FC

Inverse Universe

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



7C1932



A1062D



657C19



3D3739



7D0020



FC0040

Previews

White Background



This preview shows how the Hex color 19327C looks on a white background.

Color Contrast Check

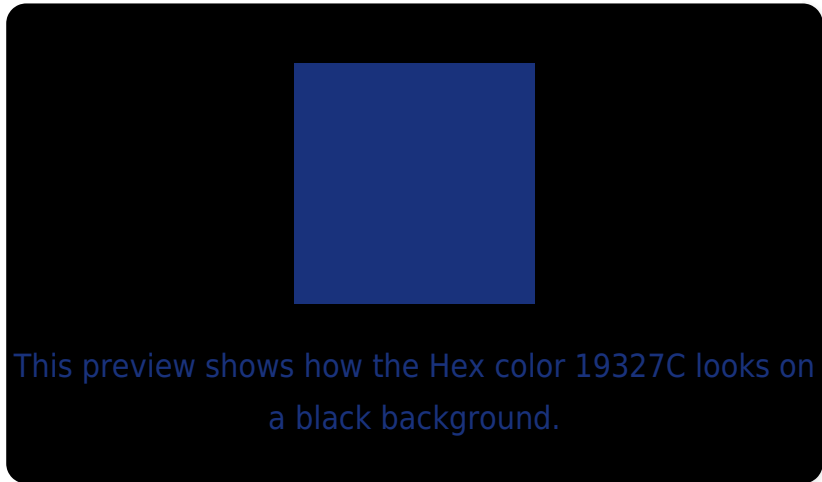
Large Text (above 18pt) WCAG AA ✓ Pass

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

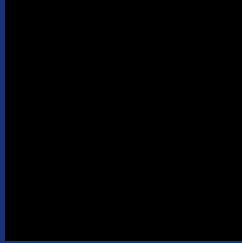
Any Text WCAG AA × Fail

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 19327C Background



This preview shows how black text looks on a background with the Hex color 19327C.



This preview shows how white text looks on a background with the Hex color 19327C.

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
19327C

Protanopia
003673

Deuteranopia
003A62



Tritanopia
003E42

Trichromacy



Original Color
19327C

Protanomaly
093576

Deuteranomaly
09376B

Tritanomaly
093A57

Monochromacy



Original Color
19327C

Achromatopsia
333333

Achromatomaly
2A334E

CSS Examples

Text

The CSS property to change the color of the text to Hex 19327C 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 #19327C looks like.

```
.text, #text, p{  
    color:#19327C  
}
```

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 #19327C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19327C }  
}
```

Border

The CSS property to change the border of an element to Hex 19327C 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".

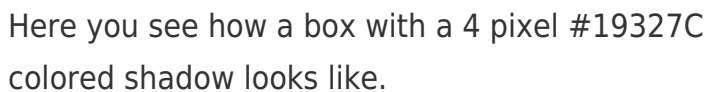
```
.border, #border, table{ border:4px solid #19327C }  
}
```

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

```
.border{ border-color:#19327C }
```

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

Here you see how a box with a 4 pixel #19327C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19327C; -webkit-box-shadow:4px 4px  
4px 4px #19327C; box-shadow:4px 4px 4px  
4px #19327C }
```

Background

The CSS property to change the background color of an element to Hex 19327C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19327C }
```

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

```
.background{ background-color:#19327C }
```

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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