

# Converting Colors

Hex(190B73)

Have a look what the booklet for  
Hex(190B73) contains.

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# Color

**Hex(190B73)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 190B73                     |
| RGB         | 25, 11, 115                |
| RGB Percent | 10%, 4%, 45%               |
| CMY         | 0.9020, 0.9569, 0.5490     |
| CMYK        | 0.78, 0.90, 0.00, 0.55     |
| HSL         | 248°, 83%, 25%             |
| HSV         | 248°, 90%, 45%             |
| XYZ         | 3.6151, 1.6838, 16.3541    |
| YIQ         | 27.0420, -25.0400, 35.3120 |

# Conversions

## Conversions Part 2

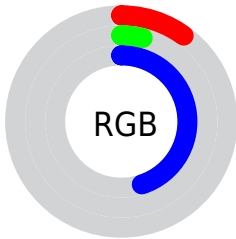
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 25, 11, 115                   |
| Decimal                             | 1641331                       |
| CIE <sub>Lab</sub>                  | 13.73, 40.00, -55.05          |
| CIE <sub>LCh</sub>                  | 14, 68.046, 305.999           |
| Yxy                                 | 1.6838, 0.1670,<br>0.0778     |
| Android<br>(android.graphics.Color) | 4279831411<br>(0xFF190B73)    |
| <b>YUV</b>                          | 27.0420, 43.3633,<br>-1.7908  |
| Hunter-Lab                          | 12.9762, 27.0205,<br>-65.6408 |




# Details

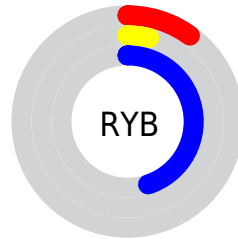
The Hex color **190B73** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **65730B**, and the grayscale version is **1B1B1B**.


A 20% lighter version of the original color is **573AA8**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **0F0073**, and if you desaturate by 10%, it is **231673**.

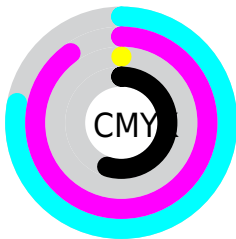
# Distribution







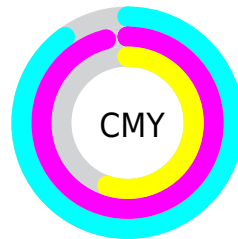
-  Red (10%)
-  Green (4%)
-  Blue (45%)






-  Red (10%)
-  Yellow (4%)
-  Blue (45%)



-  Cyan (78%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (90%)
-  Magenta (96%)
-  Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 190B73 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 190B73 by changing the saturation by 10% instead.



 190B73

 190B73

 FFF3FF

 00005A

 573AA8

 000041

 7352C4

 00032A

 8F6BE0

 000114

 AB85FD

 000000

 C89FFF

 E5BAFF

 FFD6FF

 190B73

 190B73

■ 0F0073

■ 231673

■ 2D2273

■ 372D73

■ 413973

■ 4B4473

■ 555073

■ 5F5C73

■ 696773

■ 737273

# Harmonies

## Analogous

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



002A86



190B73



5D004B

# Triad

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



190B73



490C00



00332C

# Complementary

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



190B73



65730B

# 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.



003200



190B73



242500

# Square

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



190B73



630000



002E00



00345C

# Rectangle

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



190B73



6B002C



002E00



00321B



# Sweetspot

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



190B73



736E96



0B6573



37344D



CCCCCC



4D4D4D



# Same Dimension

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



190B73



140096



4D0B73



36353B



10007A



2200FA



# Inverse Universe

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



730B65



960082



31730B



3B353A



7A006A

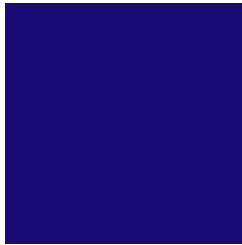


FA00D8



# Previews

## White Background



This preview shows how the Hex color 190B73 looks on a white background.

## Color Contrast Check

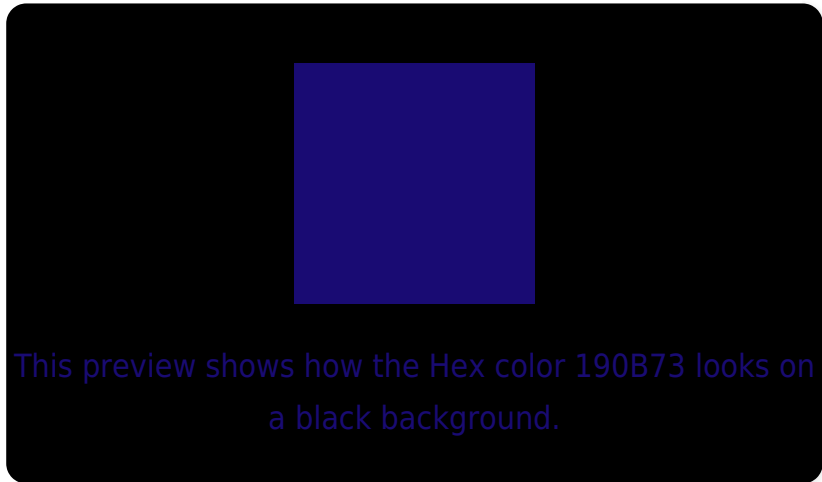
Large Text (above 18pt) WCAG AA ✓ Pass

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

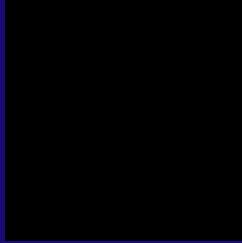
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 190B73 Background



This preview shows how black text looks on a background with the Hex color 190B73.



This preview shows how white text looks on a background with the Hex color 190B73.

# 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**  
190B73

**Protanopia**  
00244B

**Deuteranopia**  
002640

# Trichromacy



**Original Color**  
190B73

**Protanomaly**  
091B5A

**Deuteranomaly**  
091C53

# Monochromacy



**Original Color**  
190B73

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
1A153B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 190B73 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 #190B73 looks like.

```
.text, #text, p{  
    color:#190B73  
}
```

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 #190B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #190B73
}
```

## Border

The CSS property to change the border of an element to Hex 190B73 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".

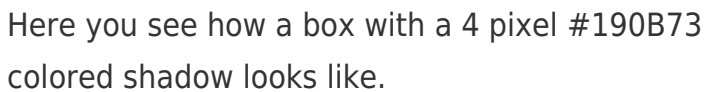
```
.border, #border, table{ border:4px solid
#190B73 }
```

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

```
.border{ border-color:#190B73 }
```

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

Here you see how a box with a 4 pixel #190B73 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue border that is 4 pixels wide and 4 pixels high on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #190B73; -webkit-box-shadow:4px 4px  
4px 4px #190B73; box-shadow:4px 4px 4px  
4px #190B73 }
```

# Background

The CSS property to change the background color of an element to Hex 190B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#190B73 }
```

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

```
.background{ background-color:#190B73 }
```

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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