

Converting Colors

Hex(191D8C)

Have a look what the booklet for
Hex(191D8C) contains.

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Color

Hex(191D8C)

Conversions

Conversions Part 1

Format	Color
Hex	191D8C
RGB	25, 29, 140
RGB Percent	10%, 11%, 55%
CMY	0.9020, 0.8863, 0.4510
CMYK	0.82, 0.79, 0.00, 0.45
HSL	238°, 70%, 32%
HSV	238°, 82%, 55%
XYZ	5.5739, 2.9789, 25.0921
YIQ	40.4580, -38.0150, 33.6730

Conversions

Conversions Part 2

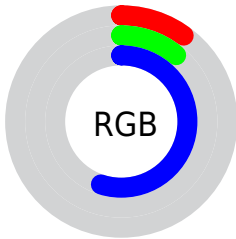
Format	Color
R_{YB}	25, 29, 140
Decimal	1645964
CIE _{Lab}	19.96, 39.26, -60.62
CIE _{LCh}	20, 72.224, 302.930
Yxy	2.9789, 0.1657, 0.0885
Android (android.graphics.Color)	4279836044 (0xFF191D8C)
YUV	40.4580, 49.0742, -13.5567
Hunter-Lab	17.2594, 27.4425, -74.1160

Details

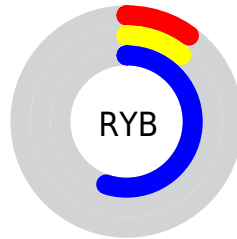
The Hex color **191D8C** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8C8819**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5C4BC3**, and **000059** is the 20% darker color. If you saturate the color by 10%, you get **0B0F8C**, and if you desaturate by 10%, it is **272B8C**.

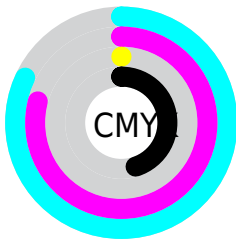
Distribution



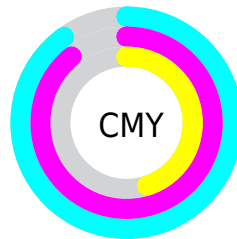
- Red (10%)
- Green (11%)
- Blue (55%)



- Red (10%)
- Yellow (11%)
- Blue (55%)



- Cyan (82%)
- Magenta (79%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (89%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191D8C 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 191D8C by changing the saturation by 10% instead.

■ 191D8C

■ 191D8C

FFFFFF

■ 000772

■ 5C4BC3

■ 000059

■ 7963DF

■ 000740

■ 967CFC

■ 000329

■ B397FF

■ 000113

■ D1B2FF

■ 000000

■ EECDFE

■ FFEAFF

■ 191D8C

■ 191D8C

■ 0B0F8C

■ 272B8C

■ 00058C

■ 35388C

■ 43468C

■ 51538C

■ 5F618C

■ 6D6E8C

■ 7B7C8C

■ 89898C

■ 97978C

Harmonies

Analogous

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



00389E



191D8C



6E0062

Triad

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



191D8C



601400



004234

Complementary

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



191D8C



8C8819

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.



004000



191D8C



383100

Square

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



191D8C



7C0000



003B00



00436A

Rectangle

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



191D8C



80003F



003B00



004122

Sweetspot

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



191D8C



8889B5



198C86



40415C



DBDBDB



5C5C5C

Same Dimension

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



191D8C



0208B5



4D198C



3E3E45



000585



000005

Inverse Universe

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



8C191D



B50208



588C19



453E3E



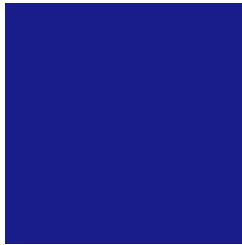
850005



050000

Previews

White Background



This preview shows how the Hex color 191D8C looks on a white background.

Color Contrast Check

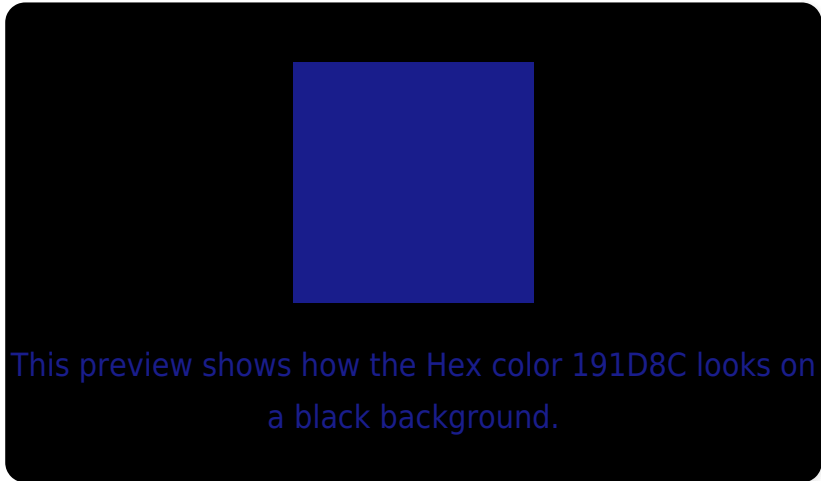
Large Text (above 18pt) WCAG AA ✓ Pass

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

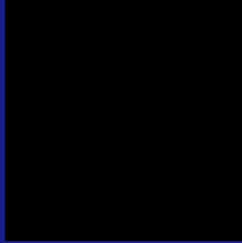
Any Text WCAG AA × Fail

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 191D8C Background



This preview shows how black text looks on a background with the Hex color 191D8C.



This preview shows how white text looks on a background with the Hex color 191D8C.

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
191D8C

Protanopia
002F63

Deuteranopia
003354

Trichromacy



Original Color
191D8C

Protanomaly
092872

Deuteranomaly
092B68

Tritanomaly
092D57

Monochromacy



Original Color
191D8C

Achromatopsia
282828

Achromatomaly
23244C

CSS Examples

Text

The CSS property to change the color of the text to Hex 191D8C 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 #191D8C looks like.

```
.text, #text, p{  
    color:#191D8C  
}
```

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 #191D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191D8C
}
```

Border

The CSS property to change the border of an element to Hex 191D8C 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".

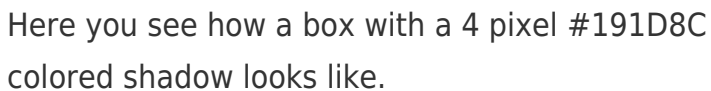
```
.border, #border, table{ border:4px solid
#191D8C }
```

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

```
.border{ border-color:#191D8C }
```

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

Here you see how a box with a 4 pixel #191D8C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191D8C; -webkit-box-shadow:4px 4px  
4px 4px #191D8C; box-shadow:4px 4px 4px  
4px #191D8C }
```

Background

The CSS property to change the background color of an element to Hex 191D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191D8C }
```

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

```
.background{ background-color:#191D8C }
```

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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