

Converting Colors

Hex(191E80)

Have a look what the booklet for
Hex(191E80) contains.

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Color

Hex(191E80)

Conversions

Conversions Part 1

Format	Color
Hex	191E80
RGB	25, 30, 128
RGB Percent	10%, 12%, 50%
CMY	0.9020, 0.8824, 0.4980
CMYK	0.80, 0.77, 0.00, 0.50
HSL	237°, 67%, 30%
HSV	237°, 80%, 50%
XYZ	4.7615, 2.6937, 20.6911
YIQ	39.6770, -34.4380, 29.4180

Conversions

Conversions Part 2

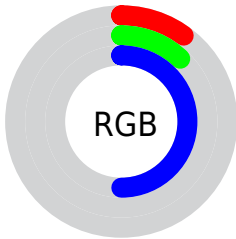
Format	Color
R_{YB}	25, 30, 128
Decimal	1646208
CIE _{Lab}	18.77, 34.44, -55.03
CIE _{LCh}	19, 64.916, 302.036
Yxy	2.6937, 0.1692, 0.0957
Android (android.graphics.Color)	4279836288 (0xFF191E80)
YUV	39.6770, 43.5432, -12.8717
Hunter-Lab	16.4126, 23.0626, -63.2570

Details

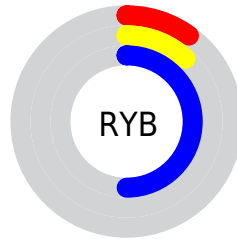
The Hex color **191E80** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **807B19**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **594BB6**, and **00004E** is the 20% darker color. If you saturate the color by 10%, you get **0C1280**, and if you desaturate by 10%, it is **262A80**.

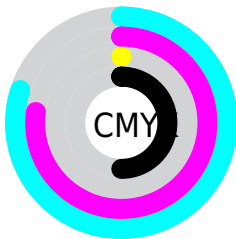
Distribution



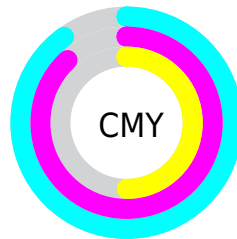
- Red (10%)
- Green (12%)
- Blue (50%)



- Red (10%)
- Yellow (12%)
- Blue (50%)



- Cyan (80%)
- Magenta (77%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 191E80 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 191E80 by changing the saturation by 10% instead.

■ 191E80

■ 191E80

FFFFFF

■ 000966

■ 594BB6

■ 00004E

■ 7563D2

■ 000536

■ 917CEF

■ 00021F

■ AE96FF

■ 000003

■ CBB1FF

■ 000000

■ E8CDFF

■ FFE9FF

■ 191E80

■ 191E80

■ 0C1280

■ 262A80

■ 000680

■ 333680

■ 3F4380

■ 4C4F80

■ 595B80

■ 666780

■ 737380

■ 7F7F80

■ 8C8C80

Harmonies

Analogous

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



00358F



191E80



64005B

Triad

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



191E80



5A1500



003E30

Complementary

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



191E80



807B19

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



191E80



372E00

Square

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



191E80



730000



003800



003F60

Rectangle

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



191E80



75003C



003800



003D1F

Sweetspot

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



191E80



7E80A6



19807B



3C3D54



D4D4D4



545454

Same Dimension

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



191E80



050DA6



471980



393A40



000680



000000

Inverse Universe

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



80191E



A6050D



528019



40393A



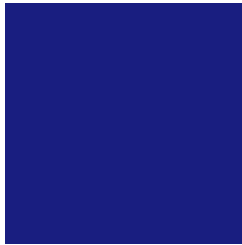
800006



000000

Previews

White Background



This preview shows how the Hex color 191E80 looks on a white background.

Color Contrast Check

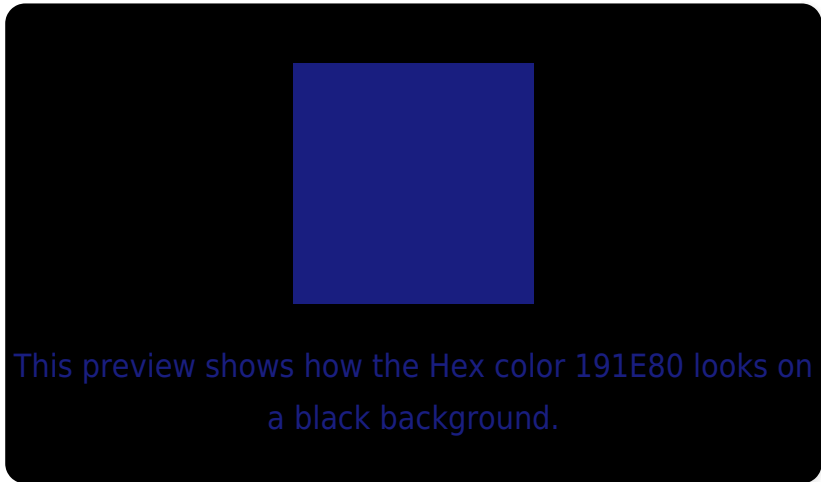
Large Text (above 18pt) WCAG AA ✓ Pass

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

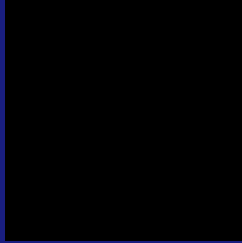
Any Text WCAG AA × Fail

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 191E80 Background



This preview shows how black text looks on a background with the Hex color 191E80.



This preview shows how white text looks on a background with the Hex color 191E80.

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
191E80

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
191E80

Protanomaly
09286A

Deuteranomaly
092961

Tritanomaly
092C51

Monochromacy



Original Color
191E80

Achromatopsia
282828

Achromatomaly
232448

CSS Examples

Text

The CSS property to change the color of the text to Hex 191E80 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 #191E80 looks like.

```
.text, #text, p{  
    color:#191E80  
}
```

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 #191E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #191E80
}
```

Border

The CSS property to change the border of an element to Hex 191E80 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".

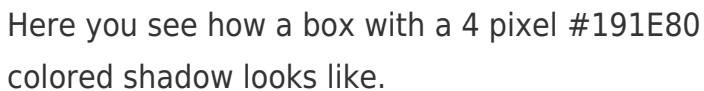
```
.border, #border, table{ border:4px solid
#191E80 }
```

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

```
.border{ border-color:#191E80 }
```

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

Here you see how a box with a 4 pixel #191E80 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 on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #191E80; -webkit-box-shadow:4px 4px  
4px 4px #191E80; box-shadow:4px 4px 4px  
4px #191E80 }
```

Background

The CSS property to change the background color of an element to Hex 191E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#191E80 }
```

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

```
.background{ background-color:#191E80 }
```

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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