

Converting Colors

Hex(193880)

Have a look what the booklet for
Hex(193880) contains.

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Color

Hex(193880)

Conversions

Conversions Part 1

Format	Color
Hex	193880
RGB	25, 56, 128
RGB Percent	10%, 22%, 50%
CMY	0.9020, 0.7804, 0.4980
CMYK	0.80, 0.56, 0.00, 0.50
HSL	222°, 67%, 30%
HSV	222°, 80%, 50%
XYZ	5.7114, 4.5935, 21.0077
YIQ	54.9390, -41.5880, 15.8200

Conversions

Conversions Part 2

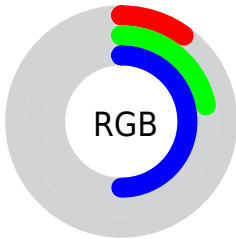
Format	Color
R_{YB}	25, 49, 128
Decimal	1652864
CIE _{Lab}	25.54, 16.77, -43.94
CIE _{LCh}	26, 47.033, 290.893
Yxy	4.5935, 0.1824, 0.1467
Android (android.graphics.Color)	4279842944 (0xFF193880)
YUV	54.9390, 36.0191, -26.2565
Hunter-Lab	21.4325, 10.0599, -43.1120

Details

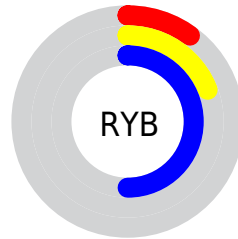
The Hex color **193880** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **806119**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5666B6**, and **000F4E** is the 20% darker color. If you saturate the color by 10%, you get **0C2F80**, and if you desaturate by 10%, it is **264180**.

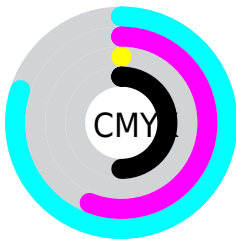
Distribution



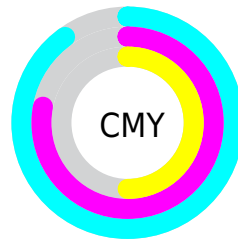
- Red (10%)
- Green (22%)
- Blue (50%)



- Red (10%)
- Yellow (19%)
- Blue (50%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (50%)



- Cyan (90%)
- Magenta (78%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193880 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 193880 by changing the saturation by 10% instead.

■ 193880

■ 193880

FFFFFF

■ 002366

■ 5666B6

■ 000F4E

■ 727FD1

■ 000536

■ 8E99EE

■ 000220

■ AAB4FF

■ 000004

■ C7CFFF

■ 000000

■ E4ECFF

■ 193880

■ 193880

■ 0C2F80

■ 264180

■ 002780

■ 334A80

■ 3F5380

■ 4C5C80

■ 596580

■ 666E80

■ 737780

■ 7F8080

■ 8C8980

Harmonies

Analogous

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



004484



193880



5B256A

Triad

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



193880



6C2600



004B30

Complementary

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



193880



806119

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.



004808



193880



543700

Square

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



193880



791026



344200



004C55

Rectangle

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



193880



6F1555



344200



004A24

Sweetspot

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



193880



7E8AA6



19805F



3C4354



D4D4D4



545454

Same Dimension

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



193880



0535A6



2C1980



393B40



002680



000000

Inverse Universe

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



801938



A60535



6D8019



40393B



800026



000000

Previews

White Background



This preview shows how the Hex color 193880 looks on a white background.

Color Contrast Check

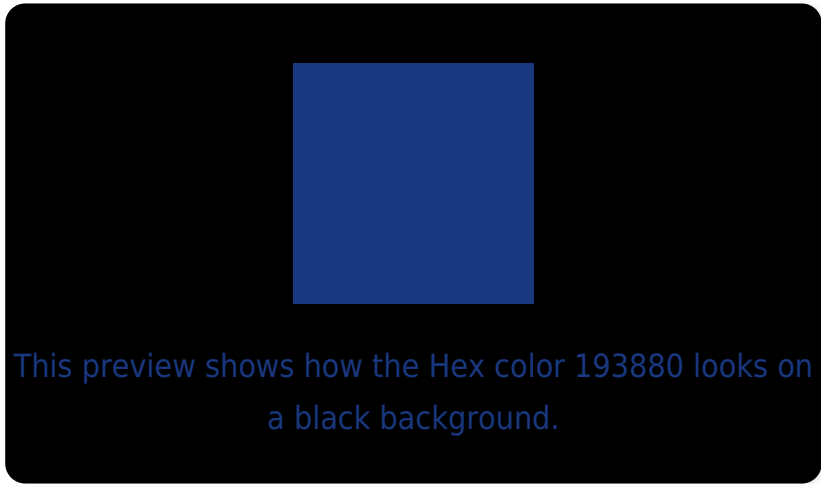
Large Text (above 18pt) WCAG AA ✓ Pass

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

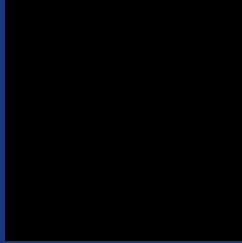
Any Text WCAG AA × Fail

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 193880 Background



This preview shows how black text looks on a background with the Hex color 193880.

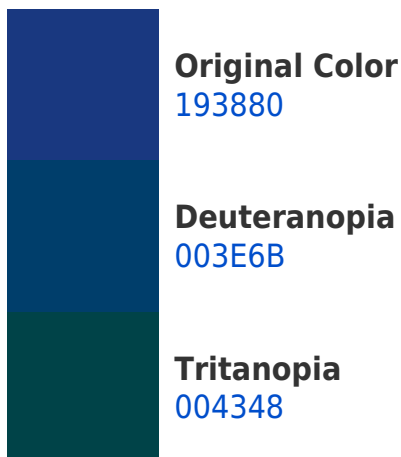


This preview shows how white text looks on a background with the Hex color 193880.

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



Trichromacy



Original Color
193880

Deuteranomaly
093C73

Tritanomaly
093F5C

Monochromacy



Original Color
193880

Achromatopsia
373737

Achromatomaly
2C3752

CSS Examples

Text

The CSS property to change the color of the text to Hex 193880 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 #193880 looks like.

```
.text, #text, p{  
    color:#193880  
}
```

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 #193880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193880
}
```

Border

The CSS property to change the border of an element to Hex 193880 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
#193880 }
```

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

```
.border{ border-color:#193880 }
```

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

Here you see how a box with a 4 pixel #193880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193880; -webkit-box-shadow:4px 4px  
4px 4px #193880; box-shadow:4px 4px 4px  
4px #193880 }
```

Background

The CSS property to change the background color of an element to Hex 193880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193880 }
```

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

```
.background{ background-color:#193880 }
```

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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