

# Converting Colors

Hex(193478)

Have a look what the booklet for  
Hex(193478) contains.

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# Color

**Hex(193478)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	193478
RGB	25, 52, 120
RGB Percent	10%, 20%, 47%
CMY	0.9020, 0.7961, 0.5294
CMYK	0.79, 0.57, 0.00, 0.53
HSL	223°, 66%, 28%
HSV	223°, 79%, 47%
XYZ	5.0191, 4.0187, 18.2805
YIQ	51.6790, -37.9200, 15.4240

# Conversions

## Conversions Part 2

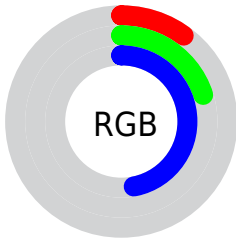
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 46, 120
Decimal	1651832
CIE <sub>Lab</sub>	23.73, 16.32, -41.83
CIE <sub>LCh</sub>	24, 44.899, 291.316
Yxy	4.0187, 0.1837, 0.1471
Android (android.graphics.Color)	4279841912 (0xFF193478)
YUV	51.6790, 33.6823, -23.3975
Hunter-Lab	20.0468, 9.6088, -40.0333




# Details

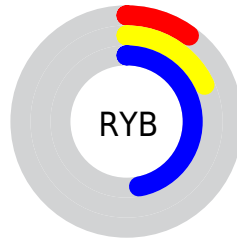
The Hex color **193478** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **785D19**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **5462AD**, and **000847** is the 20% darker color. If you saturate the color by 10%, you get **0D2B78**, and if you desaturate by 10%, it is **253D78**.

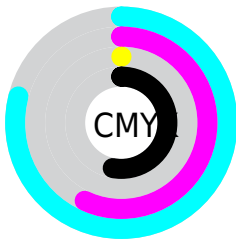
# Distribution







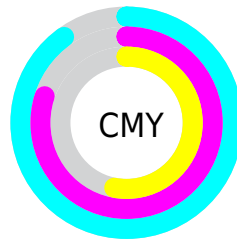
-  Red (10%)
-  Green (20%)
-  Blue (47%)






-  Red (10%)
-  Yellow (18%)
-  Blue (47%)



-  Cyan (79%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (90%)
-  Magenta (80%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 193478 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 193478 by changing the saturation by 10% instead.



■ 193478

■ 193478

FFFFFF

■ 001F5F

■ 5462AD

■ 000847

■ 707BC9

■ 00042F

■ 8B94E5

■ 00011A

■ A7AFFF

■ 000000

■ C4CAFF

■ E0E6FF

FEFFFF

■ 193478

■ 193478

■ 0D2B78

■ 253D78

■ 012378

■ 314578

■ 002278

■ 3D4E78

■ 495678

■ 555F78

■ 616878

■ 6D7078

■ 797978

■ 858178

# Harmonies

## Analogous

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



00407C



193478



562263

# Triad

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



193478



652300



00462D

# Complementary

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



193478



785D19

# 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.



004408



193478



4F3400

# Square

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



193478



720F22



303E00



004750

# Rectangle

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



193478



69134F



303E00



004621



# Sweetspot

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



193478



76819C



19785C



383F4F



CFCFCF



4F4F4F



# Same Dimension

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



193478



08329C



2C1978



37393D



00247D



0048FC



# Inverse Universe

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



781934



9C0832



657819



3D3739



7D0024



FC0048



# Previews

## White Background



This preview shows how the Hex color 193478 looks on a white background.

## Color Contrast Check

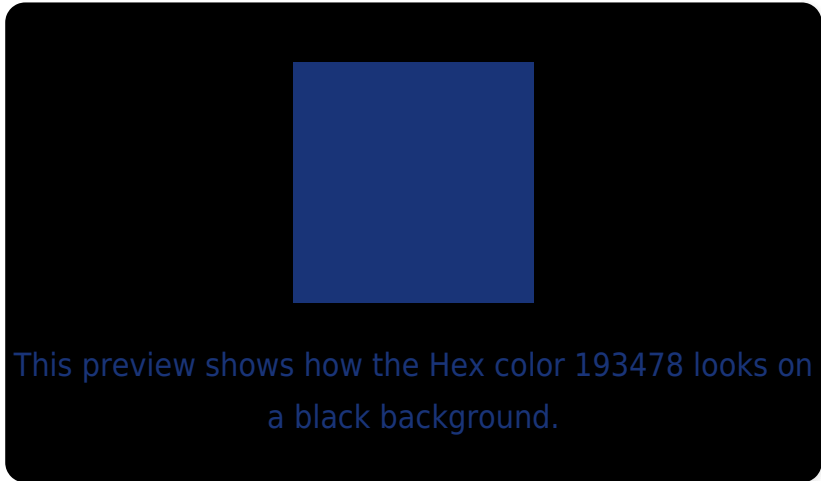
Large Text (above 18pt) WCAG AA ✓ Pass

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 193478 Background



This preview shows how black text looks on a background with the Hex color 193478.



This preview shows how white text looks on a background with the Hex color 193478.

# 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**  
193478

**Protanopia**  
003774

**Deuteranopia**  
003A64



**Tritanopia**  
003F43

# Trichromacy



**Original Color**  
193478

**Protanomaly**  
093675

**Deuteranomaly**  
09386B

**Tritanomaly**  
093B56

# Monochromacy



**Original Color**  
193478

**Achromatopsia**  
343434

**Achromatomaly**  
2A344D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 193478 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 #193478 looks like.

```
.text, #text, p{  
    color:#193478  
}
```

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 #193478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193478
}
```

## Border

The CSS property to change the border of an element to Hex 193478 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".

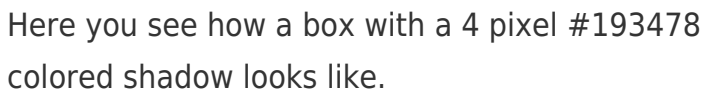
```
.border, #border, table{ border:4px solid
#193478 }
```

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

```
.border{ border-color:#193478 }
```

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

Here you see how a box with a 4 pixel #193478 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193478; -webkit-box-shadow:4px 4px  
4px 4px #193478; box-shadow:4px 4px 4px  
4px #193478 }
```

# Background

The CSS property to change the background color of an element to Hex 193478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193478 }
```

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

```
.background{ background-color:#193478 }
```

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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