

Converting Colors

Hex(193AB6)

Have a look what the booklet for
Hex(193AB6) contains.

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Color

Hex(193AB6)

Conversions

Conversions Part 1

Format	Color
Hex	193AB6
RGB	25, 58, 182
RGB Percent	10%, 23%, 71%
CMY	0.9020, 0.7725, 0.2863
CMYK	0.86, 0.68, 0.00, 0.29
HSL	227°, 76%, 41%
HSV	227°, 86%, 71%
XYZ	10.3575, 6.6102, 44.9860
YIQ	62.2690, -59.4720, 31.5680

Conversions

Conversions Part 2

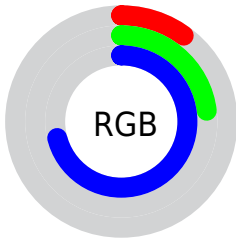
Format	Color
RYB	25, 52, 182
Decimal	1653430
CIELab	30.90, 36.66, -68.09
CIELCh	31, 77.333, 298.295
Yxy	6.6102, 0.1672, 0.1067
Android (android.graphics.Color)	4279843510 (0xFF193AB6)
YUV	62.2690, 59.0274, -32.6849
Hunter-Lab	25.7103, 26.9162, -85.7441

Details

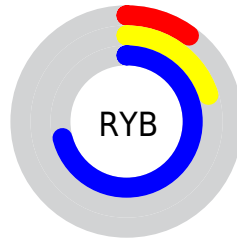
The Hex color **193AB6** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B69519**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6669EF**, and **001180** is the 20% darker color. If you saturate the color by 10%, you get **072CB6**, and if you desaturate by 10%, it is **2B48B6**.

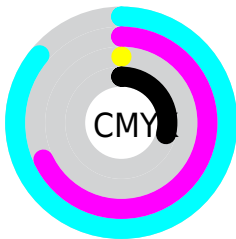
Distribution



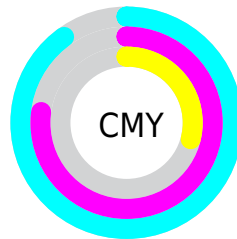
- Red (10%)
- Green (23%)
- Blue (71%)



- Red (10%)
- Yellow (20%)
- Blue (71%)



- Cyan (86%)
- Magenta (68%)
- Yellow (0%)
- Black (29%)



- Cyan (90%)
- Magenta (77%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193AB6 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 193AB6 by changing the saturation by 10% instead.

 193AB6

 193AB6

FFFFFF

 00249A

 6669EF

 001180

 8582FF

 000066

 A39CFF

 000A4D

 C1B7FF

 000535

 DFD3FF

 00021F

 FEEFFF

 000002

 000000

 193AB6

 193AB6

■ 072CB6

■ 2B48B6

■ 0026B6

■ 3D57B6

■ 5065B6

■ 6273B6

■ 7482B6

■ 8690B6

■ 989FB6

■ ABADB6

■ BDBBB6

Harmonies

Analogous

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



0053C5



193AB6



89008A

Triad

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



193AB6



892500



005E44

Complementary

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



193AB6



B69519

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.



005B00



193AB6



5D4600

Square

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



193AB6



A60015



1A5500



005F81

Rectangle

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



193AB6



A30063



1A5500



005D2E

Sweetspot

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



193AB6



AFBCED



19B694



535B78



F7F7F7



787878

Same Dimension

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



193AB6



0032ED



4519B6



53555C



00219C



00061C

Inverse Universe

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



B6193A



ED0032



8AB619



5C5355



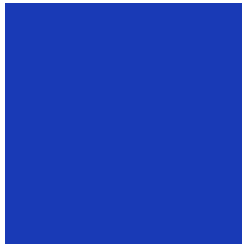
9C0021



1C0006

Previews

White Background



This preview shows how the Hex color 193AB6 looks on a white background.

Color Contrast Check

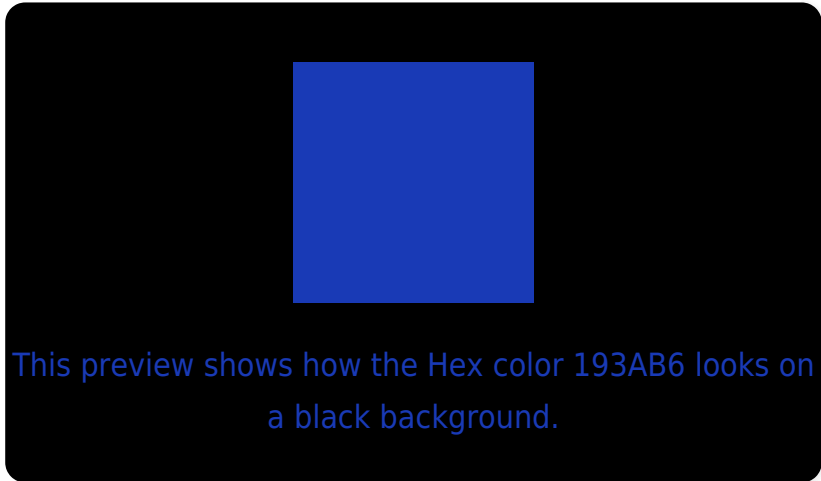
Large Text (above 18pt) WCAG AA ✓ Pass

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

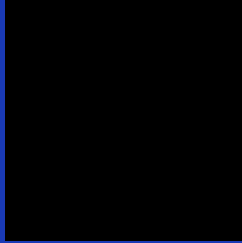
Any Text WCAG AA × Fail

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 193AB6 Background



This preview shows how black text looks on a background with the Hex color 193AB6.



This preview shows how white text looks on a background with the Hex color 193AB6.

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
193AB6

Protanopia
004694

Deuteranopia
004B7E

Trichromacy



Original Color
193AB6

Protanomaly
0942A0

Deuteranomaly
094592

Tritanomaly
094978

Monochromacy



Original Color
193AB6

Achromatopsia
3E3E3E

Achromatomaly
313D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 193AB6 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 #193AB6 looks like.

```
.text, #text, p{  
    color:#193AB6  
}
```

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 #193AB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193AB6  
}
```

Border

The CSS property to change the border of an element to Hex 193AB6 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  
#193AB6 }
```

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

```
.border{ border-color:#193AB6 }
```

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

Here you see how a box with a 4 pixel #193AB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193AB6; -webkit-box-shadow:4px 4px  
4px 4px #193AB6; box-shadow:4px 4px 4px  
4px #193AB6 }
```

Background

The CSS property to change the background color of an element to Hex 193AB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193AB6 }
```

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

```
.background{ background-color:#193AB6 }
```

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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