

# Converting Colors

Hex(194DC6)

Have a look what the booklet for  
Hex(194DC6) contains.

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# Color

**Hex(194DC6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	194DC6
RGB	25, 77, 198
RGB Percent	10%, 30%, 78%
CMY	0.9020, 0.6980, 0.2235
CMYK	0.87, 0.61, 0.00, 0.22
HSL	222°, 78%, 44%
HSV	222°, 87%, 78%
XYZ	13.2478, 9.5916, 54.5792
YIQ	75.2460, -69.8330, 26.6070

# Conversions

## Conversions Part 2

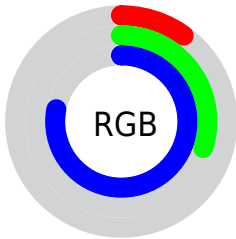
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">25, 65, 198</a>
Decimal	<a href="#">1658310</a>
CIELab	<a href="#">37.10, 30.37, -67.32</a>
CIElCh	<a href="#">37, 73.855, 294.277</a>
Yxy	<a href="#">9.5916, 0.1711, 0.1239</a>
Android (android.graphics.Color)	<a href="#">4279848390 (0xFF194DC6)</a>
YUV	<a href="#">75.2460, 60.5177, -44.0657</a>
Hunter-Lab	<a href="#">30.9704, 22.1566, -82.8077</a>

# Details

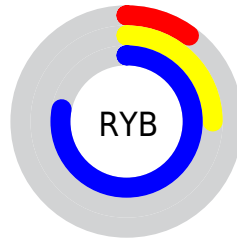
The Hex color **194DC6** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C69219**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **697DFF**, and **00228F** is the 20% darker color. If you saturate the color by 10%, you get **053FC6**, and if you desaturate by 10%, it is **2D5BC6**.

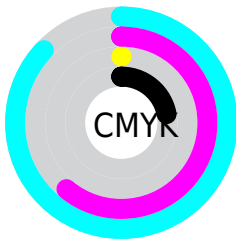
# Distribution



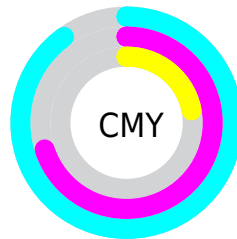
- Red (10%)
- Green (30%)
- Blue (78%)



- Red (10%)
- Yellow (25%)
- Blue (78%)



- Cyan (87%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



- Cyan (90%)
- Magenta (70%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 194DC6 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 194DC6 by changing the saturation by 10% instead.



■ 194DC6

■ 194DC6

FFFFFF

■ 0037AA

■ 697DFF

■ 00228F

■ 8897FF

■ 001175

■ A7B2FF

■ 00005B

■ C5CDFE

■ 000742

■ E4E9FF

■ 00032B

■ 000116

■ 000000

■ 194DC6

■ 194DC6

■ 053FC6

■ 2D5BC6

■ 003CC6

■ 4169C6

■ 5477C6

■ 6884C6

■ 7C92C6

■ 90A0C6

■ A4AEC6

■ B7BCC6

■ CBCAC6

# Harmonies

## Analogous

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



0063D0



194DC6



90229E

# Triad

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



194DC6



9F3200



006E4A

# Complementary

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



194DC6



C69219

# 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.



006A00



194DC6



755100

# Square

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



194DC6



B8002B



3C6200



006F87

# Rectangle

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



194DC6



AE0079



3C6200



006D34



# Sweetspot

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



194DC6



BDD1FF



19C68F



586480



000000



808080



# Same Dimension

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



194DC6



004DFF



3919C6



5A5C63



0031A3



000B24



# Inverse Universe

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



C6194D



FF004D



A6C619



635A5C



A30031



24000B



# Previews

## White Background



This preview shows how the Hex color 194DC6 looks on a white background.

## Color Contrast Check

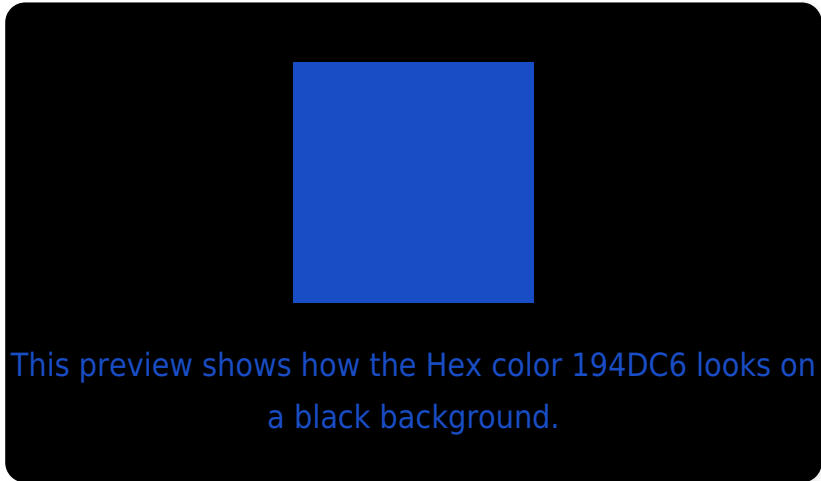
Large Text (above 18pt) WCAG AA ✓ Pass

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

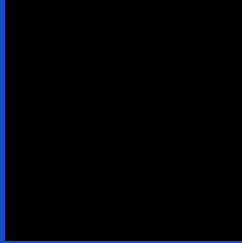
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 194DC6 Background



This preview shows how black text looks on a background with the Hex color 194DC6.



This preview shows how white text looks on a background with the Hex color 194DC6.

# 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**  
194DC6

**Protanomaly**  
0951B9

**Tritanomaly**  
095A89

# Monochromacy



**Original Color**  
194DC6

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
394C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 194DC6 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 #194DC6 looks like.

```
.text, #text, p{  
    color:#194DC6  
}
```

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 #194DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194DC6
}
```

## Border

The CSS property to change the border of an element to Hex 194DC6 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
#194DC6 }
```

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

```
.border{ border-color:#194DC6 }
```

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

Here you see how a box with a 4 pixel #194DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194DC6; -webkit-box-shadow:4px 4px  
4px 4px #194DC6; box-shadow:4px 4px 4px  
4px #194DC6 }
```

# Background

The CSS property to change the background color of an element to Hex 194DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194DC6 }
```

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

```
.background{ background-color:#194DC6 }
```

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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