

# Converting Colors

Hex(1244B3)

Have a look what the booklet for  
Hex(1244B3) contains.

<b>Hex(1244B3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(1244B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1244B3
RGB	18, 68, 179
RGB Percent	7%, 27%, 70%
CMY	0.9294, 0.7333, 0.2980
CMYK	0.90, 0.62, 0.00, 0.30
HSL	221°, 82%, 39%
HSV	221°, 90%, 70%
XYZ	10.4533, 7.5175, 43.5479
YIQ	65.7040, -65.4310, 23.9210

# Conversions

## Conversions Part 2

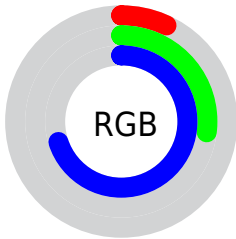
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 56, 179
Decimal	1197235
CIE <sub>Lab</sub>	32.96, 28.53, -62.95
CIE <sub>LCh</sub>	33, 69.112, 294.385
Yxy	7.5175, 0.1699, 0.1222
Android (android.graphics.Color)	4279387315 (0xFF1244B3)
YUV	65.7040, 55.8549, -41.8364
Hunter-Lab	27.4181, 20.0722, -74.9771

# Details

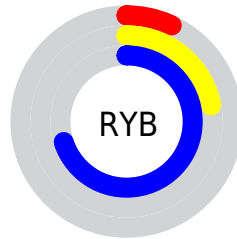
The Hex color **1244B3** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B38112**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6274EC**, and **001B7D** is the 20% darker color. If you saturate the color by 10%, you get **0038B3**, and if you desaturate by 10%, it is **2450B3**.

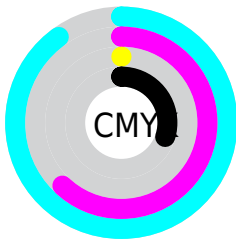
# Distribution



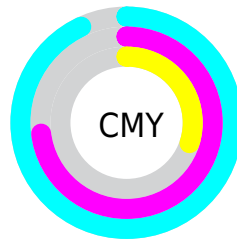
- Red (7%)
- Green (27%)
- Blue (70%)



- Red (7%)
- Yellow (22%)
- Blue (70%)



- Cyan (90%)
- Magenta (62%)
- Yellow (0%)
- Black (30%)



- Cyan (93%)
- Magenta (73%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1244B3 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 1244B3 by changing the saturation by 10% instead.



■ 1244B3

■ 1244B3

FFFFFF

■ 002E98

■ 6274EC

■ 001B7D

■ 808DFF

■ 000463

■ 9EA7FF

■ 00094A

■ BCC2FF

■ 000433

■ DADEFF

■ 00021D

■ F9FBFF

■ 000000

■ 1244B3

■ 1244B3

■ 0038B3

■ 2450B3

 365DB3

 4869B3

 5A75B3

 6B82B3

 7D8EB3

 8F9AB3

 A1A7B3

 B3B3B3

# Harmonies

## Analogous

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



0058BC



1244B3



821C8E

# Triad

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



1244B3



8F2B00



006241

# Complementary

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



1244B3



B38112

# 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.



005F00



1244B3



684800

# Square

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



1244B3



A60025



345700



00637A

# Rectangle

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



1244B3



9D006C



345700



00612E



# Sweetspot

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



1244B3



A9BDE8



12B380



505B75



F5F5F5



757575



# Same Dimension

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



1244B3



0048E8



3012B3



505359



003099



00081A



# Inverse Universe

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



B31244



E80048



95B312



595053



990030



1A0008



# Previews

## White Background



This preview shows how the Hex color 1244B3 looks on a white background.

## Color Contrast Check

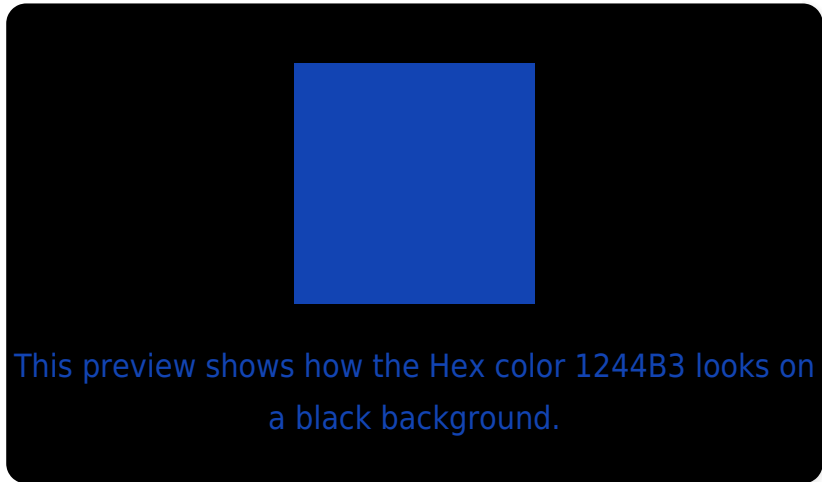
Large Text (above 18pt) WCAG AA ✓ Pass

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

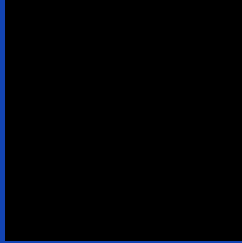
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1244B3 Background



This preview shows how black text looks on a background with the Hex color 1244B3.

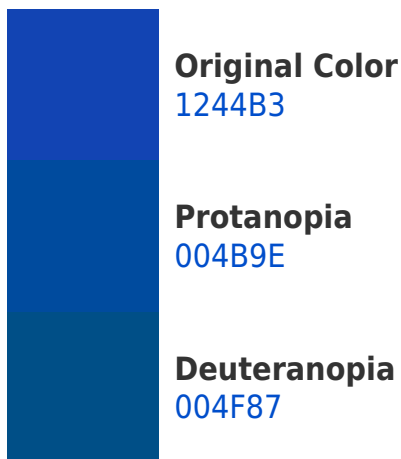


This preview shows how white text looks on a background with the Hex color 1244B3.

# 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](#).

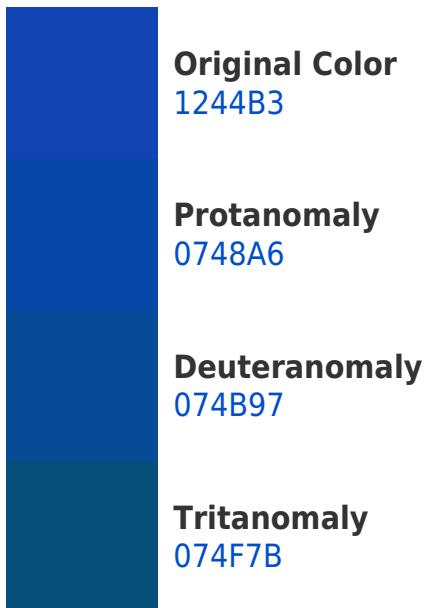
## Dichromacy



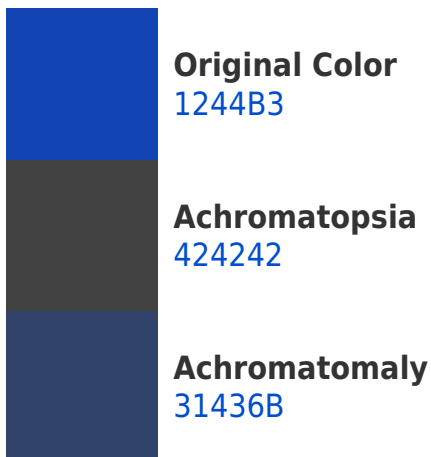


**Tritanopia**  
00565B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1244B3 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 #1244B3 looks like.

```
.text, #text, p{  
    color:#1244B3  
}
```

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 #1244B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1244B3
}
```

## Border

The CSS property to change the border of an element to Hex 1244B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

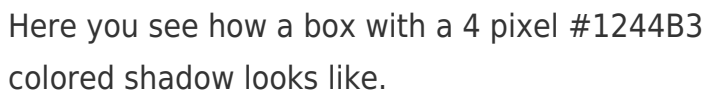
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1244B3 }
```

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

```
.border{ border-color:#1244B3 }
```

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



Here you see how a box with a 4 pixel #1244B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1244B3; -webkit-box-shadow:4px 4px  
4px 4px #1244B3; box-shadow:4px 4px 4px  
4px #1244B3 }
```

# Background

The CSS property to change the background color of an element to Hex 1244B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1244B3 }
```

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

```
.background{ background-color:#1244B3 }
```

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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