

# Converting Colors

Hex(1E3BAC)

Have a look what the booklet for  
Hex(1E3BAC) contains.

<b>Hex(1E3BAC)</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(1E3BAC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E3BAC
RGB	30, 59, 172
RGB Percent	12%, 23%, 67%
CMY	0.8824, 0.7686, 0.3255
CMYK	0.83, 0.66, 0.00, 0.33
HSL	228°, 70%, 40%
HSV	228°, 83%, 67%
XYZ	9.5458, 6.3825, 39.7586
YIQ	63.2110, -53.5570, 28.9950

# Conversions

## Conversions Part 2

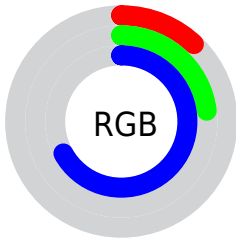
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 54, 172
Decimal	1981356
CIE <sub>Lab</sub>	30.36, 32.60, -63.02
CIE <sub>LCh</sub>	30, 70.954, 297.348
Yxy	6.3825, 0.1714, 0.1146
Android (android.graphics.Color)	4280171436 (0xFF1E3BAC)
YUV	63.2110, 53.6330, -29.1260
Hunter-Lab	25.2636, 23.2343, -75.6229

# Details

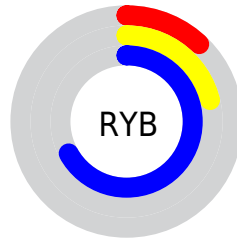
The Hex color **1E3BAC** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AC8F1E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **656AE4**, and **001276** is the 20% darker color. If you saturate the color by 10%, you get **0D2DAC**, and if you desaturate by 10%, it is **2F49AC**.

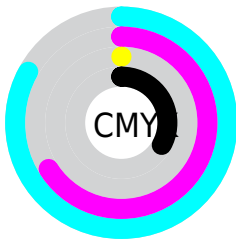
# Distribution



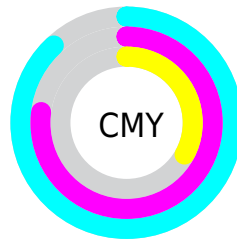
- Red (12%)
- Green (23%)
- Blue (67%)



- Red (12%)
- Yellow (21%)
- Blue (67%)



- Cyan (83%)
- Magenta (66%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (77%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E3BAC 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 1E3BAC by changing the saturation by 10% instead.



■ 1E3BAC

■ 1E3BAC

FFFFFF

■ 002691

■ 656AE4

■ 001276

■ 8383FF

■ 00005D

■ A19DFF

■ 000844

■ BEB8FF

■ 00032D

■ DCD4FF

■ 000117

■ FAF0FF

■ 000000

■ 1E3BAC

■ 1E3BAC

■ 0D2DAC

■ 2F49AC

■ 0023AC

■ 4056AC

■ 5264AC

■ 6372AC

■ 747FAC

■ 858DAC

■ 969BAC

■ A8A8AC

■ B9B6AC

# Harmonies

## Analogous

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



0051B9



1E3BAC



810184

# Triad

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



1E3BAC



852700



005C41

# Complementary

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



1E3BAC



AC8F1E

# 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.



005900



1E3BAC



5D4400

# Square

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



1E3BAC



9E0019



235200



005D7A

# Rectangle

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



1E3BAC



9A0061



235200



005B2D



# Sweetspot

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



1E3BAC



A8B4E0



1EAC8D



4F5570



F0F0F0



707070



# Same Dimension

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



1E3BAC



0230E0



461EAC



4E5057



001F96



000517



# Inverse Universe

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



AC1E3B



E00230



84AC1E



574E50



96001F

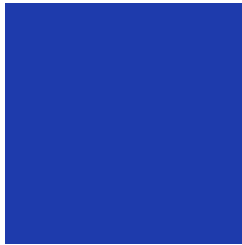


170005



# Previews

## White Background



This preview shows how the Hex color 1E3BAC looks on a white background.

## Color Contrast Check

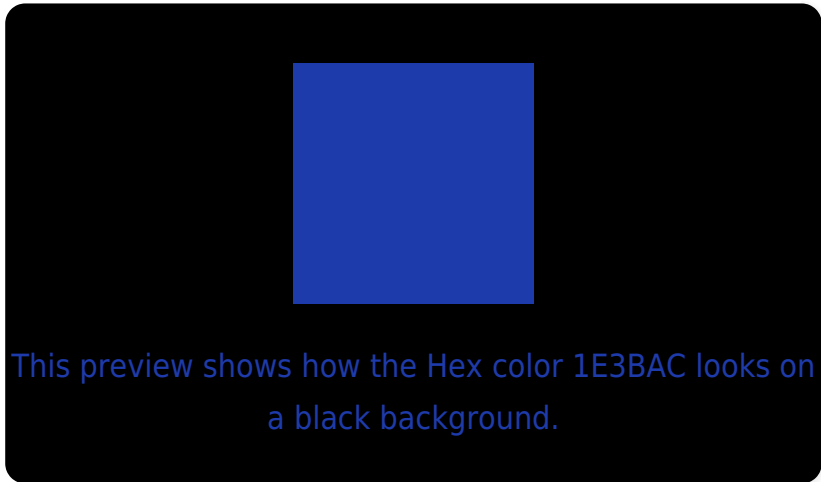
Large Text (above 18pt) WCAG AA ✓ Pass

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

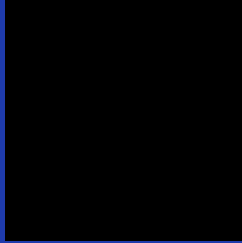
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E3BAC Background



This preview shows how black text looks on a background with the Hex color 1E3BAC.




This preview shows how white text looks on a background with the Hex color 1E3BAC.

# 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**  
004F54

# Trichromacy



**Original Color**  
1E3BAC

**Protanomaly**  
0B419B

**Deuteranomaly**  
0B448D

**Tritanomaly**  
0B4874

# Monochromacy



**Original Color**  
1E3BAC

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
333E67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E3BAC 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 #1E3BAC looks like.

```
.text, #text, p{  
    color:#1E3BAC  
}
```

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 #1E3BAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3BAC }  
}
```

## Border

The CSS property to change the border of an element to Hex 1E3BAC 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 #1E3BAC }  
}
```

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

```
.border{ border-color:#1E3BAC }
```

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

Here you see how a box with a 4 pixel #1E3BAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3BAC; -webkit-box-shadow:4px 4px  
4px 4px #1E3BAC; box-shadow:4px 4px 4px  
4px #1E3BAC }
```

# Background

The CSS property to change the background color of an element to Hex 1E3BAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3BAC }
```

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

```
.background{ background-color:#1E3BAC }
```

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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