

Converting Colors

Hex(1E3BB2)

Have a look what the booklet for
Hex(1E3BB2) contains.

Hex(1E3BB2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1E3BB2)

Conversions

Conversions Part 1

Format	Color
Hex	1E3BB2
RGB	30, 59, 178
RGB Percent	12%, 23%, 70%
CMY	0.8824, 0.7686, 0.3020
CMYK	0.83, 0.67, 0.00, 0.30
HSL	228°, 71%, 41%
HSV	228°, 83%, 70%
XYZ	10.1353, 6.6183, 42.8628
YIQ	63.8950, -55.4830, 30.8610

Conversions

Conversions Part 2

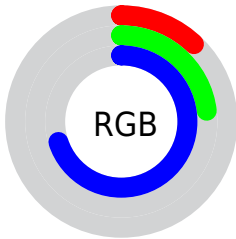
Format	Color
R_{YB}	30, 54, 178
Decimal	1981362
CIE _{Lab}	30.92, 34.85, -65.68
CIE _{LCh}	31, 74.354, 297.953
Yxy	6.6183, 0.1700, 0.1110
Android (android.graphics.Color)	4280171442 (0xFF1E3BB2)
YUV	63.8950, 56.2538, -29.7259
Hunter-Lab	25.7261, 25.3028, -80.7761

Details

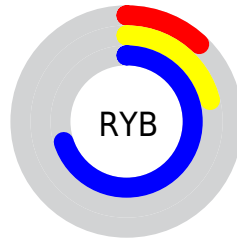
The Hex color **1E3BB2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B2951E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **676AEB**, and **00127C** is the 20% darker color. If you saturate the color by 10%, you get **0C2DB2**, and if you desaturate by 10%, it is **3049B2**.

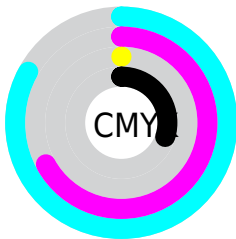
Distribution



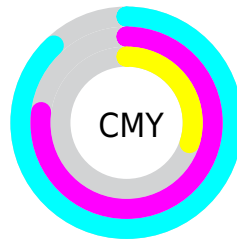
- Red (12%)
- Green (23%)
- Blue (70%)



- Red (12%)
- Yellow (21%)
- Blue (70%)



- Cyan (83%)
- Magenta (67%)
- Yellow (0%)
- Black (30%)



- Cyan (88%)
- Magenta (77%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3BB2 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 1E3BB2 by changing the saturation by 10% instead.

 1E3BB2

 1E3BB2

FFFFFF

 002597

 676AEB

 00127C

 8583FF

 000062

 A39EFF

 000949

 C1B9FF

 000432

 DFD4FF

 00011C

 FDF1FF

 000000

 1E3BB2

 1E3BB2

 0C2DB2

 3049B2

■ 0023B2

■ 4258B2

■ 5366B2

■ 6574B2

■ 7783B2

■ 8991B2

■ 9B9FB2

■ ACADB2

■ BEBCB2

Harmonies

Analogous

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



0053C0



1E3BB2



860088

Triad

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



1E3BB2



882700



005E43

Complementary

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



1E3BB2



B2951E

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



1E3BB2



5D4600

Square

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



1E3BB2



A30017



1F5400



005F7F

Rectangle

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



1E3BB2



A00063



1F5400



005D2E

Sweetspot

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



1E3BB2



AEB9E8



1EB294



525975



F5F5F5



757575

Same Dimension

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



1E3BB2



002DE8



4A1EB2



505259



001E99



00051A

Inverse Universe

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



B21E3B



E8002D



86B21E



595052



99001E



1A0005

Previews

White Background



This preview shows how the Hex color 1E3BB2 looks on a white background.

Color Contrast Check

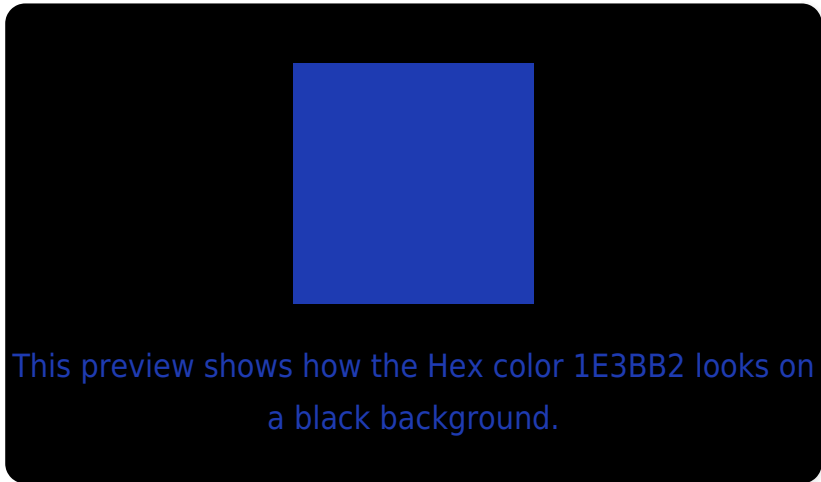
Large Text (above 18pt) WCAG AA ✓ Pass

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

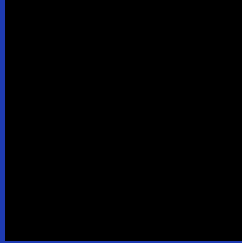
Any Text WCAG AA × Fail

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 1E3BB2 Background



This preview shows how black text looks on a background with the Hex color 1E3BB2.

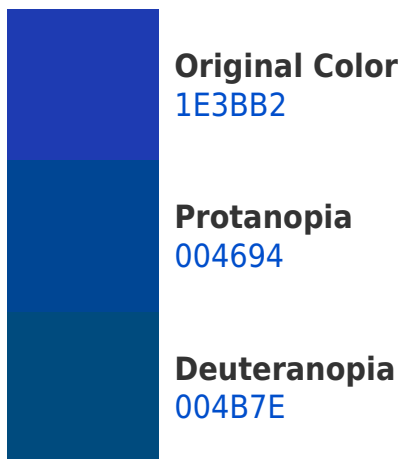


This preview shows how white text looks on a background with the Hex color 1E3BB2.

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
1E3BB2

Protanomaly
0B429F

Deuteranomaly
0B4591

Tritanomaly
0B4977

Monochromacy



Original Color
1E3BB2

Achromatopsia
404040

Achromatomaly
343E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3BB2 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 #1E3BB2 looks like.

```
.text, #text, p{  
    color:#1E3BB2  
}
```

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 #1E3BB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3BB2
}
```

Border

The CSS property to change the border of an element to Hex 1E3BB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

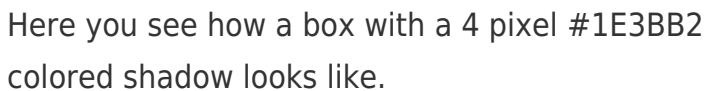
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1E3BB2 }
```

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

```
.border{ border-color:#1E3BB2 }
```

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



Here you see how a box with a 4 pixel #1E3BB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3BB2; -webkit-box-shadow:4px 4px  
4px 4px #1E3BB2; box-shadow:4px 4px 4px  
4px #1E3BB2 }
```

Background

The CSS property to change the background color of an element to Hex 1E3BB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3BB2 }
```

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

```
.background{ background-color:#1E3BB2 }
```

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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