

Converting Colors

Hex(1B3EB2)

Have a look what the booklet for
Hex(1B3EB2) contains.

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Color

Hex(1B3EB2)

Conversions

Conversions Part 1

Format	Color
Hex	1B3EB2
RGB	27, 62, 178
RGB Percent	11%, 24%, 70%
CMY	0.8941, 0.7569, 0.3020
CMYK	0.85, 0.65, 0.00, 0.30
HSL	226°, 74%, 40%
HSV	226°, 85%, 70%
XYZ	10.2105, 6.8926, 42.9117
YIQ	64.7590, -58.0960, 28.6560

Conversions

Conversions Part 2

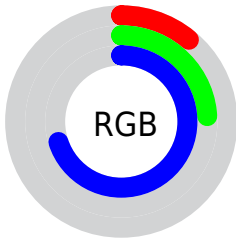
Format	Color
R_{YB}	27, 55, 178
Decimal	1785522
CIE _{Lab}	31.56, 32.68, -64.63
CIE _{LCh}	32, 72.426, 296.824
Yxy	6.8926, 0.1701, 0.1148
Android (android.graphics.Color)	4279975602 (0xFF1B3EB2)
YUV	64.7590, 55.8278, -33.1146
Hunter-Lab	26.2538, 23.4773, -78.5317

Details

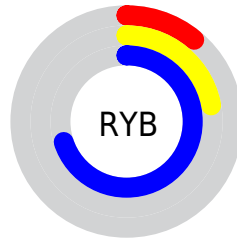
The Hex color **1B3EB2** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B28F1B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **656DEB**, and **00157C** is the 20% darker color. If you saturate the color by 10%, you get **0930B2**, and if you desaturate by 10%, it is **2D4CB2**.

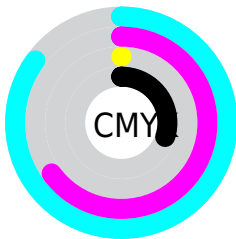
Distribution



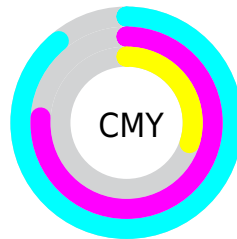
- Red (11%)
- Green (24%)
- Blue (70%)



- Red (11%)
- Yellow (22%)
- Blue (70%)



- Cyan (85%)
- Magenta (65%)
- Yellow (0%)
- Black (30%)



- Cyan (89%)
- Magenta (76%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B3EB2 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 1B3EB2 by changing the saturation by 10% instead.

■ 1B3EB2

■ 1B3EB2

FFFFFF

■ 002897

■ 656DEB

■ 00157C

■ 8487FF

■ 000062

■ A1A1FF

■ 000949

■ BFBCFF

■ 000432

■ DDD8FF

■ 00011C

■ FCF4FF

■ 000000

■ 1B3EB2

■ 1B3EB2

■ 0930B2

■ 2D4CB2

■ 0029B2

■ 3F59B2

■ 5067B2

■ 6275B2

■ 7482B2

■ 8690B2

■ 989EB2

■ A9ABB2

■ BBB9B2

Harmonies

Analogous

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



0055BF



1B3EB2



85058A

Triad

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



1B3EB2



8A2800



005F42

Complementary

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



1B3EB2



B28F1B

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.



005C00



1B3EB2



614600

Square

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



1B3EB2



A4001C



275500



00607D

Rectangle

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



1B3EB2



9F0066



275500



005E2E

Sweetspot

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



1B3EB2



AEBBE8



1BB28F



525A75



F5F5F5



757575

Same Dimension

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



1B3EB2



0036E8



431BB2



505259



002399



00061A

Inverse Universe

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



B21B3E



E80036



8AB21B



595052



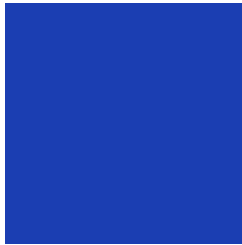
990023



1A0006

Previews

White Background



This preview shows how the Hex color 1B3EB2 looks on a white background.

Color Contrast Check

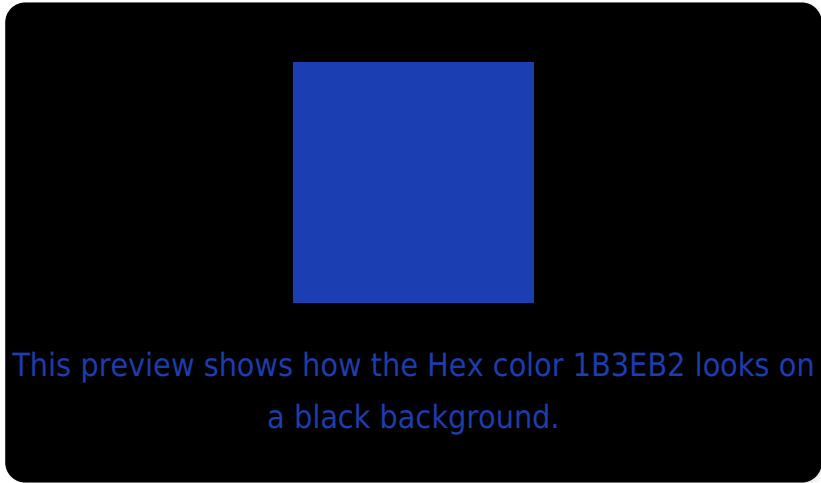
Large Text (above 18pt) WCAG AA ✓ Pass

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

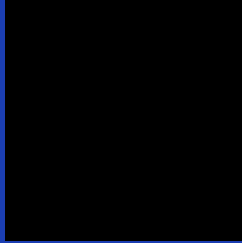
Any Text WCAG AA × Fail

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 1B3EB2 Background



This preview shows how black text looks on a background with the Hex color 1B3EB2.

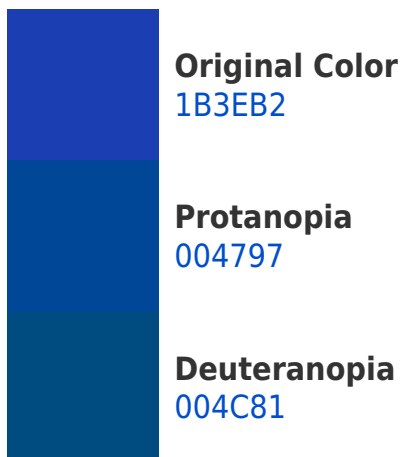


This preview shows how white text looks on a background with the Hex color 1B3EB2.

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
1B3EB2

Protanomaly
0A44A1

Deuteranomaly
0A4793

Tritanomaly
0A4B78

Monochromacy



Original Color
1B3EB2

Achromatopsia
414141

Achromatomaly
33406A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B3EB2 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 #1B3EB2 looks like.

```
.text, #text, p{  
    color:#1B3EB2  
}
```

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 #1B3EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B3EB2
}
```

Border

The CSS property to change the border of an element to Hex 1B3EB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

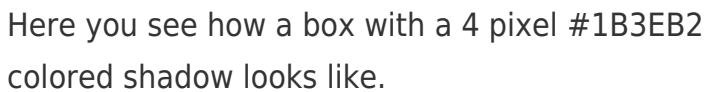
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B3EB2 }
```

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

```
.border{ border-color:#1B3EB2 }
```

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



Here you see how a box with a 4 pixel #1B3EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B3EB2; -webkit-box-shadow:4px 4px  
4px 4px #1B3EB2; box-shadow:4px 4px 4px  
4px #1B3EB2 }
```

Background

The CSS property to change the background color of an element to Hex 1B3EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B3EB2 }
```

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

```
.background{ background-color:#1B3EB2 }
```

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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