

Converting Colors

Hex(1A3EBA)

Have a look what the booklet for
Hex(1A3EBA) contains.

Hex(1A3EBA)	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(1A3EBA)

Conversions

Conversions Part 1

Format	Color
Hex	1A3EBA
RGB	26, 62, 186
RGB Percent	10%, 24%, 73%
CMY	0.8980, 0.7569, 0.2706
CMYK	0.86, 0.67, 0.00, 0.27
HSL	226°, 75%, 42%
HSV	226°, 86%, 73%
XYZ	11.0116, 7.2100, 47.2657
YIQ	65.3720, -61.2600, 30.9320

Conversions

Conversions Part 2

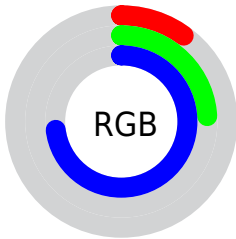
Format	Color
R_{YB}	26, 55, 186
Decimal	1719994
CIE _{Lab}	32.28, 35.64, -68.19
CIE _{LCh}	32, 76.946, 297.595
Yxy	7.2100, 0.1681, 0.1101
Android (android.graphics.Color)	4279910074 (0xFF1A3EBA)
YUV	65.3720, 59.4696, -34.5292
Hunter-Lab	26.8515, 26.2111, -85.5699

Details

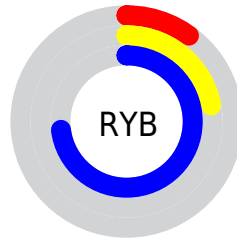
The Hex color **1A3EBA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BA961A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **676DF3**, and **001583** is the 20% darker color. If you saturate the color by 10%, you get **0730BA**, and if you desaturate by 10%, it is **2D4CBA**.

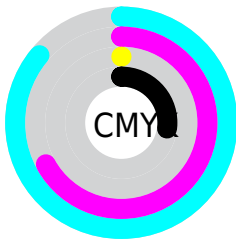
Distribution



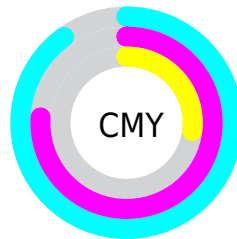
- Red (10%)
- Green (24%)
- Blue (73%)



- Red (10%)
- Yellow (22%)
- Blue (73%)



- Cyan (86%)
- Magenta (67%)
- Yellow (0%)
- Black (27%)



- Cyan (90%)
- Magenta (76%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3EBA 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 1A3EBA by changing the saturation by 10% instead.

 1A3EBA

 1A3EBA

FFFFFF

 00289E

 676DF3

 001583

 8687FF

 00006A

 A4A1FF

 000950

 C2BCFF

 000538

 E1D8FF

 000222

 FFF4FF

 000008

 000000

 1A3EBA

 1A3EBA

0730BA

2D4CBA

002ABA

3F5BBA

5269BA

6478BA

7786BA

8A94BA

9CA3BA

AFB1BA

C1C0BA

Harmonies

Analogous

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



0057C8



1A3EBA



8B008E

Triad

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



1A3EBA



8E2800



006245

Complementary

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



1A3EBA



BA961A

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



1A3EBA



624800

Square

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



1A3EBA



AA0019



215800



006383

Rectangle

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



1A3EBA



A60068



215800



006130

Sweetspot

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



1A3EBA



B3C1F2



1ABA95



545D7A



FAFAFA



7A7A7A

Same Dimension

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



1A3EBA



0037F2



451ABA



53555C



00239C



00061C

Inverse Universe

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



BA1A3E



F20037



8FBA1A



5C5355



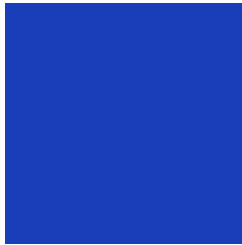
9C0023



1C0006

Previews

White Background



This preview shows how the Hex color 1A3EBA looks on a white background.

Color Contrast Check

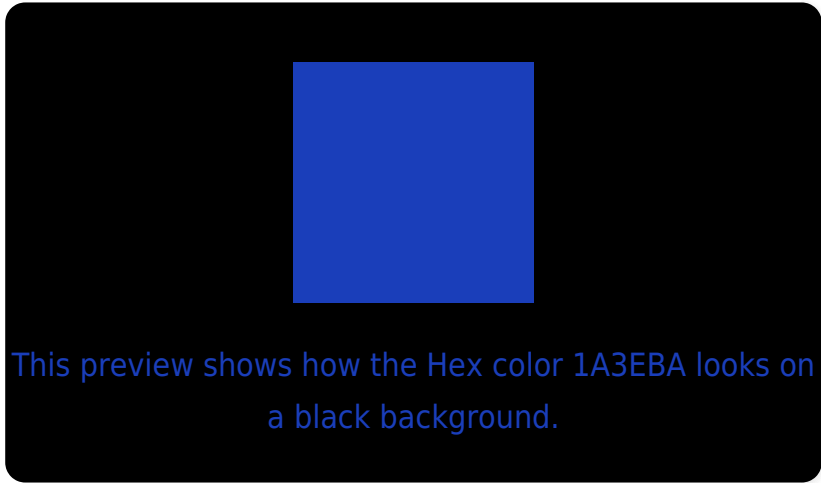
Large Text (above 18pt) WCAG AA ✓ Pass

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

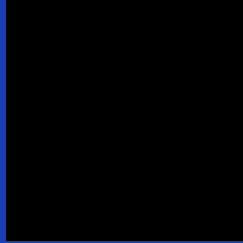
Any Text WCAG AA × Fail

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 1A3EBA Background



This preview shows how black text looks on a background with the Hex color 1A3EBA.



This preview shows how white text looks on a background with the Hex color 1A3EBA.

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



Original Color

1A3EBA

Protanopia

00499A

Deuteranopia

004E84

Trichromacy



Original Color
1A3EBA

Protanomaly
0945A6

Deuteranomaly
094898

Tritanomaly
094C7C

Monochromacy



Original Color
1A3EBA

Achromatopsia
414141

Achromatomaly
33406D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3EBA 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 #1A3EBA looks like.

```
.text, #text, p{  
    color:#1A3EBA  
}
```

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 #1A3EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3EBA
}
```

Border

The CSS property to change the border of an element to Hex 1A3EBA 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
#1A3EBA }
```

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

```
.border{ border-color:#1A3EBA }
```

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

Here you see how a box with a 4 pixel #1A3EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3EBA; -webkit-box-shadow:4px 4px  
4px 4px #1A3EBA; box-shadow:4px 4px 4px  
4px #1A3EBA }
```

Background

The CSS property to change the background color of an element to Hex 1A3EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3EBA }
```

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

```
.background{ background-color:#1A3EBA }
```

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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