

Converting Colors

Hex(1A44E2)

Have a look what the booklet for
Hex(1A44E2) contains.

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Color

Hex(1A44E2)

Conversions

Conversions Part 1

Format	Color
Hex	1A44E2
RGB	26, 68, 226
RGB Percent	10%, 27%, 89%
CMY	0.8980, 0.7333, 0.1137
CMYK	0.88, 0.70, 0.00, 0.11
HSL	227°, 79%, 49%
HSV	227°, 88%, 89%
XYZ	16.2206, 9.8448, 72.9968
YIQ	73.4540, -75.7500, 40.2340

Conversions

Conversions Part 2

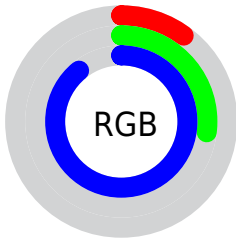
Format	Color
R _Y B	26, 61, 226
Decimal	1721570
CIE Lab	37.56, 46.47, -82.69
CIE LCh	38, 94.855, 299.332
Yxy	9.8448, 0.1637, 0.0994
Android (android.graphics.Color)	4279911650 (0xFF1A44E2)
YUV	73.4540, 75.2052, -41.6172
Hunter-Lab	31.3765, 37.3696, -115.9735




Details

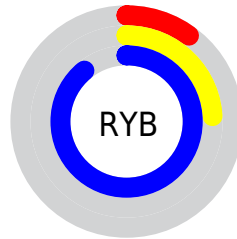
The Hex color **1A44E2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E2B81A**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **7275FF**, and **0019A9** is the 20% darker color. If you saturate the color by 10%, you get **0332E2**, and if you desaturate by 10%, it is **3156E2**.

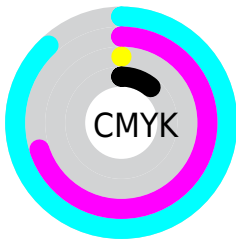
Distribution







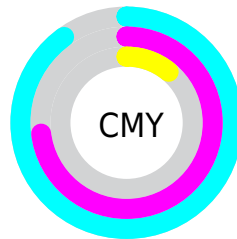
-  Red (10%)
-  Green (27%)
-  Blue (89%)






-  Red (10%)
-  Yellow (24%)
-  Blue (89%)



-  Cyan (88%)
-  Magenta (70%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (90%)
-  Magenta (73%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A44E2 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 1A44E2 by changing the saturation by 10% instead.

■ 1A44E2

■ 1A44E2

FFFFFF

■ 002EC5

■ 7275FF

■ 0019A9

■ 938EFF

■ 00088E

■ B3A9FF

■ 000073

■ D2C4FF

■ 000D59

■ F2E0FF

■ 000741

■ FFFDFF

■ 00032A

■ 000114

■ 000000

■ 1A44E2

■ 1A44E2

■ 0332E2

■ 3156E2

■ 002FE2

■ 4768E2

■ 5E7AE2

■ 748BE2

■ 8B9DE2

■ A2AFE2

■ B8C1E2

■ CFD3E2

■ E5E5E2

Harmonies

Analogous

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



0066F7



1A44E2



AC00A8

Triad

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



1A44E2



A72B00



007355

Complementary

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



1A44E2



E2B81A

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.



007000



1A44E2



6E5600

Square

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



1A44E2



CC0014



0A6800



0074A3

Rectangle

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



1A44E2



CB0077



0A6800



007239

Sweetspot

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



1A44E2



BAC9FF



1AE2B7



575F80



000000



808080

Same Dimension

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



1A44E2



0036FF



531AE2



656770



0025B0



000A30

Inverse Universe

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



E21A44



FF0036



A9E21A



706567



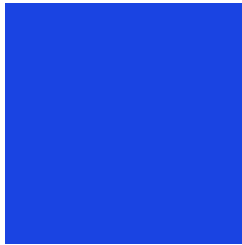
B00025



30000A

Previews

White Background



This preview shows how the Hex color 1A44E2 looks on a white background.

Color Contrast Check

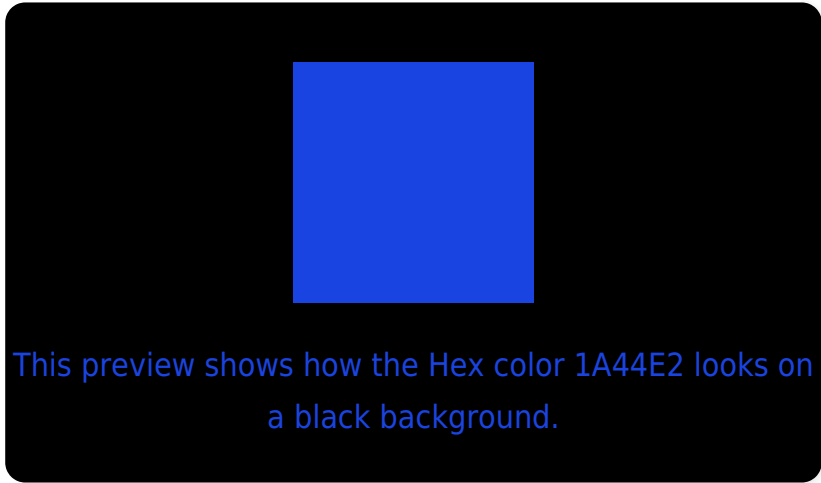
Large Text (above 18pt) WCAG AA ✓ Pass

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

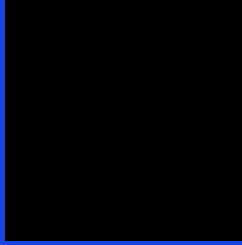
Any Text WCAG AA × Fail

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 1A44E2 Background



This preview shows how black text looks on a background with the Hex color 1A44E2.

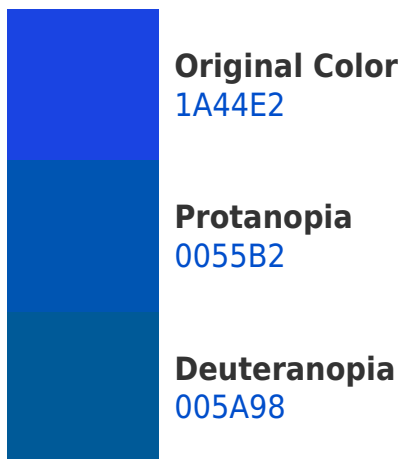


This preview shows how white text looks on a background with the Hex color 1A44E2.

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
1A44E2

Protanomaly
094FC3

Deuteranomaly
0952B3

Tritanomaly
095694

Monochromacy



Original Color
1A44E2

Achromatopsia
494949

Achromatomaly
384781

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A44E2 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 #1A44E2 looks like.

```
.text, #text, p{  
    color:#1A44E2  
}
```

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 #1A44E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A44E2
}
```

Border

The CSS property to change the border of an element to Hex 1A44E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

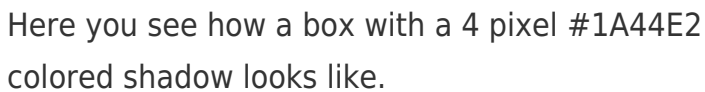
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A44E2 }
```

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

```
.border{ border-color:#1A44E2 }
```

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



Here you see how a box with a 4 pixel #1A44E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A44E2; -webkit-box-shadow:4px 4px  
4px 4px #1A44E2; box-shadow:4px 4px 4px  
4px #1A44E2 }
```

Background

The CSS property to change the background color of an element to Hex 1A44E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A44E2 }
```

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

```
.background{ background-color:#1A44E2 }
```

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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