

Converting Colors

Hex(1A3EC4)

Have a look what the booklet for
Hex(1A3EC4) contains.

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Color

Hex(1A3EC4)

Conversions

Conversions Part 1

Format	Color
Hex	1A3EC4
RGB	26, 62, 196
RGB Percent	10%, 24%, 77%
CMY	0.8980, 0.7569, 0.2314
CMYK	0.87, 0.68, 0.00, 0.23
HSL	227°, 77%, 44%
HSV	227°, 87%, 77%
XYZ	12.1124, 7.6504, 53.0628
YIQ	66.5120, -64.4700, 34.0420

Conversions

Conversions Part 2

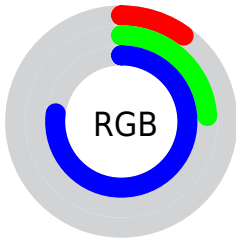
Format	Color
R_{YB}	26, 56, 196
Decimal	1720004
CIE _{Lab}	33.24, 39.36, -72.49
CIE _{LCh}	33, 82.480, 298.500
Yxy	7.6504, 0.1663, 0.1051
Android (android.graphics.Color)	4279910084 (0xFF1A3EC4)
YUV	66.5120, 63.8376, -35.5290
Hunter-Lab	27.6593, 29.7640, -94.3829

Details

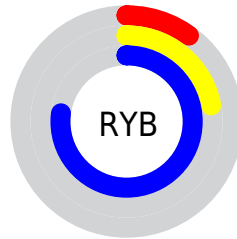
The Hex color **1A3EC4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C4A01A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6A6EFE**, and **00148D** is the 20% darker color. If you saturate the color by 10%, you get **062FC4**, and if you desaturate by 10%, it is **2E4DC4**.

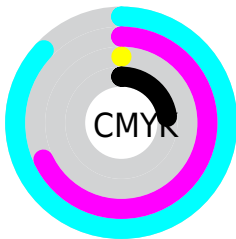
Distribution



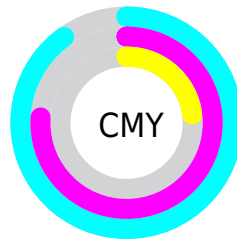
- Red (10%)
- Green (24%)
- Blue (77%)



- Red (10%)
- Yellow (22%)
- Blue (77%)



- Cyan (87%)
- Magenta (68%)
- Yellow (0%)
- Black (23%)



- Cyan (90%)
- Magenta (76%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3EC4 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 1A3EC4 by changing the saturation by 10% instead.

■ 1A3EC4

■ 1A3EC4

FFFFFF

■ 0028A8

■ 6A6EFE

■ 00148D

■ 8987FF

■ 000072

■ A8A1FF

■ 000559

■ C7BCFF

■ 000740

■ E5D8FF

■ 000329

■ FFF5FF

■ 000113

■ 000000

■ 1A3EC4

■ 1A3EC4

■ 062FC4

■ 2E4DC4

■ 002AC4

■ 415DC4

■ 556CC4

■ 687CC4

■ 7C8BC4

■ 909BC4

■ A3AAC4

■ B7BAC4

■ CAC9C4

Harmonies

Analogous

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



005AD5



1A3EC4



940094

Triad

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



1A3EC4



932800



006549

Complementary

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



1A3EC4



C4A01A

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.



006200



1A3EC4



634B00

Square

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



1A3EC4



B20016



195B00



00668C

Rectangle

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



1A3EC4



B0006A



195B00



006432

Sweetspot

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



1A3EC4



BDCBFF



1AC49F



586080



000000



808080

Same Dimension

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



1A3EC4



0036FF



4A1AC4



575961



0022A1



000721

Inverse Universe

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



C41A3E



FF0036



94C41A



615759



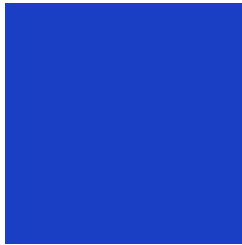
A10022



210007

Previews

White Background



This preview shows how the Hex color 1A3EC4 looks on a white background.

Color Contrast Check

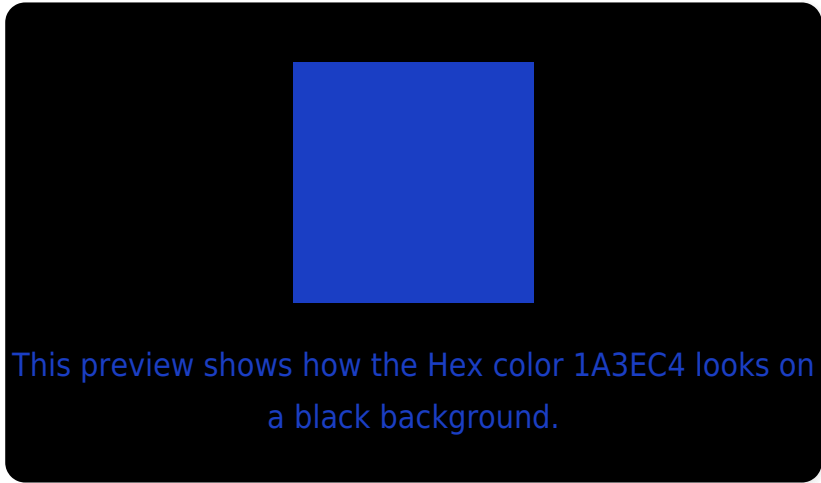
Large Text (above 18pt) WCAG AA ✓ Pass

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

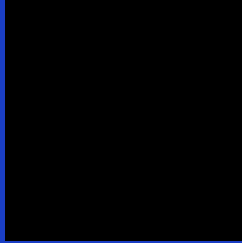
Any Text WCAG AA × Fail

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 1A3EC4 Background



This preview shows how black text looks on a background with the Hex color 1A3EC4.



This preview shows how white text looks on a background with the Hex color 1A3EC4.

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
1A3EC4

Protanomaly
0946AC

Tritanomaly
094D81

Monochromacy



Original Color
1A3EC4

Achromatopsia
434343

Achromatomaly
344172

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3EC4 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 #1A3EC4 looks like.

```
.text, #text, p{  
    color:#1A3EC4  
}
```

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 #1A3EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3EC4
}
```

Border

The CSS property to change the border of an element to Hex 1A3EC4 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
#1A3EC4 }
```

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

```
.border{ border-color:#1A3EC4 }
```

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

Here you see how a box with a 4 pixel #1A3EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3EC4; -webkit-box-shadow:4px 4px  
4px 4px #1A3EC4; box-shadow:4px 4px 4px  
4px #1A3EC4 }
```

Background

The CSS property to change the background color of an element to Hex 1A3EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3EC4 }
```

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

```
.background{ background-color:#1A3EC4 }
```

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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