

Converting Colors

Hex(1E38C7)

Have a look what the booklet for
Hex(1E38C7) contains.

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Color

Hex(1E38C7)

Conversions

Conversions Part 1

Format	Color
Hex	1E38C7
RGB	30, 56, 199
RGB Percent	12%, 22%, 78%
CMY	0.8824, 0.7804, 0.2196
CMYK	0.85, 0.72, 0.00, 0.22
HSL	231°, 74%, 45%
HSV	231°, 85%, 78%
XYZ	12.2584, 7.2279, 54.7819
YIQ	64.5280, -61.3990, 38.9610

Conversions

Conversions Part 2

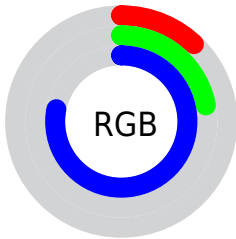
Format	Color
R_{YB}	30, 53, 199
Decimal	1980615
CIE _{Lab}	32.32, 44.34, -75.76
CIE _{LCh}	32, 87.783, 300.341
Yxy	7.2279, 0.1651, 0.0973
Android (android.graphics.Color)	4280170695 (0xFF1E38C7)
YUV	64.5280, 66.2947, -30.2811
Hunter-Lab	26.8847, 34.3408, -101.9934

Details

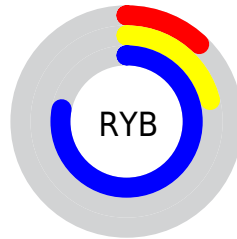
The Hex color **1E38C7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C7AD1E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6D68FF**, and **000E90** is the 20% darker color. If you saturate the color by 10%, you get **0A27C7**, and if you desaturate by 10%, it is **3249C7**.

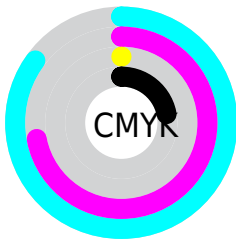
Distribution



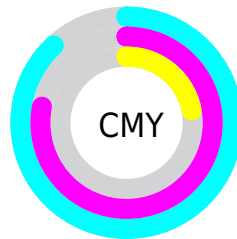
- Red (12%)
- Green (22%)
- Blue (78%)



- Red (12%)
- Yellow (21%)
- Blue (78%)



- Cyan (85%)
- Magenta (72%)
- Yellow (0%)
- Black (22%)



- Cyan (88%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E38C7 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 1E38C7 by changing the saturation by 10% instead.

■ 1E38C7

■ 1E38C7

FFFFFF

■ 0022AB

■ 6D68FF

■ 000E90

■ 8C81FF

■ 000075

■ AB9BFF

■ 00055B

■ CAB6FF

■ 000743

■ E9D2FF

■ 00032C

■ FFEFFF

■ 000116

■ 000000

■ 1E38C7

■ 1E38C7

■ 0A27C7

■ 3249C7

■ 001FC7

■ 465AC7

■ 5A6BC7

■ 6E7BC7

■ 828CC7

■ 959DC7

■ A9AEC7

■ BDBFC7

■ D1D0C7

Harmonies

Analogous

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



0058DB



1E38C7



990092

Triad

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



1E38C7



912500



00634B

Complementary

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



1E38C7



C7AD1E

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.



006100



1E38C7



5D4B00

Square

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



1E38C7



B3000B



005A00



006592

Rectangle

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



1E38C7



B40066



005A00



006332

Sweetspot

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



1E38C7



BFC9FF



1EC7AB



595F80



000000



808080

Same Dimension

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



1E38C7



0027FF



561EC7



5A5B63



0019A3



000524

Inverse Universe

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



C71E38



FF0027



8FC71E



635A5B



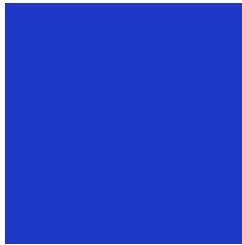
A30019



240005

Previews

White Background



This preview shows how the Hex color 1E38C7 looks on a white background.

Color Contrast Check

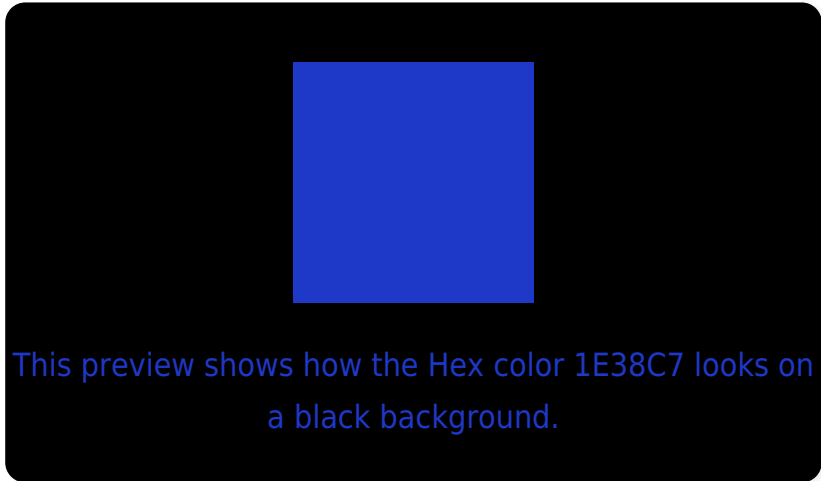
Large Text (above 18pt) WCAG AA ✓ Pass

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

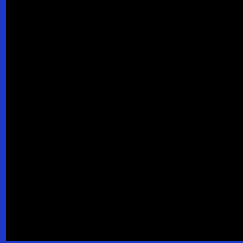
Any Text WCAG AA × Fail

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 1E38C7 Background



This preview shows how black text looks on a background with the Hex color 1E38C7.



This preview shows how white text looks on a background with the Hex color 1E38C7.

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
1E38C7

Protanomaly
0B43AA

Deuteranomaly
0B469C

Tritanomaly
0B4A81

Monochromacy



Original Color
1E38C7

Achromatopsia
414141

Achromatomaly
343E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E38C7 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 #1E38C7 looks like.

```
.text, #text, p{  
    color:#1E38C7  
}
```

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 #1E38C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E38C7
}
```

Border

The CSS property to change the border of an element to Hex 1E38C7 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
#1E38C7 }
```

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

```
.border{ border-color:#1E38C7 }
```

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

Here you see how a box with a 4 pixel #1E38C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E38C7; -webkit-box-shadow:4px 4px  
4px 4px #1E38C7; box-shadow:4px 4px 4px  
4px #1E38C7 }
```

Background

The CSS property to change the background color of an element to Hex 1E38C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E38C7 }
```

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

```
.background{ background-color:#1E38C7 }
```

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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