

Converting Colors

Hex(1E7AE2)

Have a look what the booklet for
Hex(1E7AE2) contains.

Hex(1E7AE2)	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(1E7AE2)

Conversions

Conversions Part 1

Format	Color
Hex	1E7AE2
RGB	30, 122, 226
RGB Percent	12%, 48%, 89%
CMY	0.8824, 0.5216, 0.1137
CMYK	0.87, 0.46, 0.00, 0.11
HSL	212°, 77%, 50%
HSV	212°, 87%, 89%
XYZ	21.2224, 19.6861, 74.6328
YIQ	106.3480, -88.2160, 12.8400

Conversions

Conversions Part 2

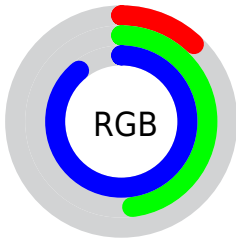
Format	Color
R _Y B	30, 93, 226
Decimal	1997538
CIE Lab	51.48, 12.47, -60.00
CIE LCh	51, 61.278, 281.743
Yxy	19.6861, 0.1837, 0.1704
Android (android.graphics.Color)	4280187618 (0xFF1E7AE2)
YUV	106.3480, 58.9884, -66.9572
Hunter-Lab	44.3690, 7.7338, -68.6730

Details

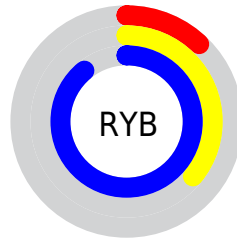
The Hex color **1E7AE2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E2861E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **70AEFF**, and **004AAA** is the 20% darker color. If you saturate the color by 10%, you get **076EE2**, and if you desaturate by 10%, it is **3586E2**.

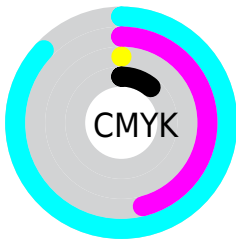
Distribution



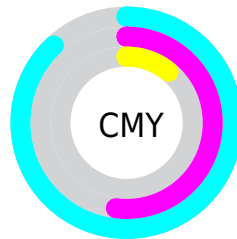
- Red (12%)
- Green (48%)
- Blue (89%)



- Red (12%)
- Yellow (36%)
- Blue (89%)



- Cyan (87%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)



- Cyan (88%)
- Magenta (52%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E7AE2 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 1E7AE2 by changing the saturation by 10% instead.

 1E7AE2

 1E7AE2

FFFFFF

 0062C6

 70AEFF

 004AAA

 90C9FF

 00358F

 AFE5FF

 002175

 CEFFFF

 00095B

 EDFFFF

 000743

 00032C

 000116

 000000

■ 1E7AE2

■ 1E7AE2

■ 076EE2

■ 3586E2

■ 006AE2

■ 4B92E2

■ 629EE2

■ 78AAE2

■ 8FB6E2

■ A6C2E2

■ BCCEE2

■ D3DAE2

■ E9E6E2

Harmonies

Analogous

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



0089DE



1E7AE2



9763CA

Triad

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



1E7AE2



CD5537



009158

Complementary

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



1E7AE2



E2861E

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.



458A23



1E7AE2



AD6C02

Square

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



1E7AE2



D84468



807F00



00938E

Rectangle

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



1E7AE2



BB52AD



807F00



008F46

Sweetspot

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



1E7AE2



BDDCFF



1EE283



586B80



000000



808080

Same Dimension

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



1E7AE2



0078FF



211EE2



656A70



0053B0



001730

Inverse Universe

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



E21E7A



FF0078



DFE21E



70656A



B00053



300017

Previews

White Background



This preview shows how the Hex color 1E7AE2 looks on a white background.

Color Contrast Check

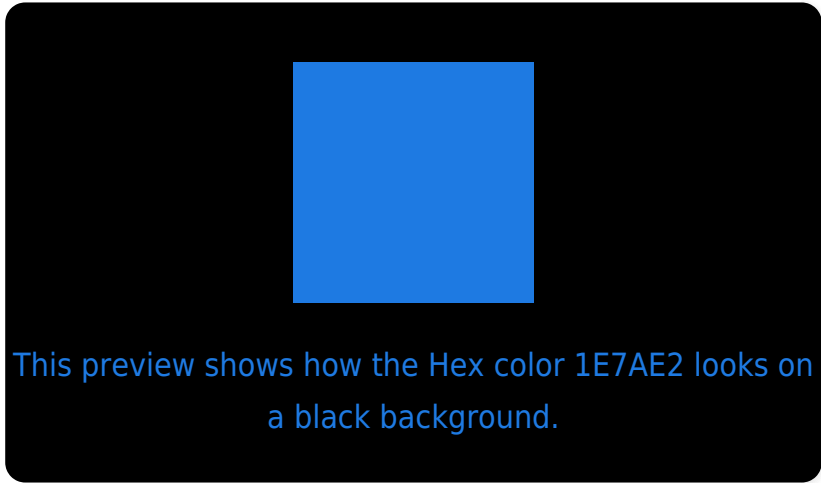
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

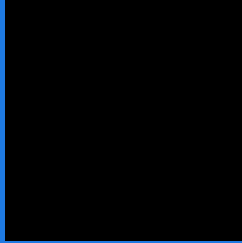
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

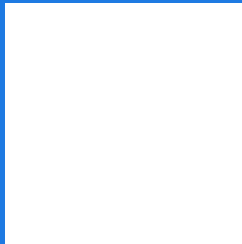
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1E7AE2 Background



This preview shows how black text looks on a background with the Hex color 1E7AE2.

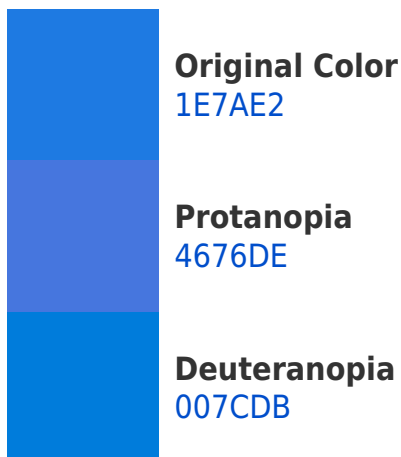


This preview shows how white text looks on a background with the Hex color 1E7AE2.

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



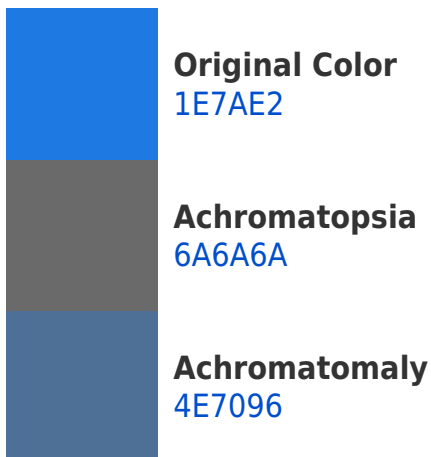


Tritanopia
008791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E7AE2 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 #1E7AE2 looks like.

```
.text, #text, p{  
    color:#1E7AE2  
}
```

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 #1E7AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7AE2
}
```

Border

The CSS property to change the border of an element to Hex 1E7AE2 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
#1E7AE2 }
```

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

```
.border{ border-color:#1E7AE2 }
```

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

Here you see how a box with a 4 pixel #1E7AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7AE2; -webkit-box-shadow:4px 4px  
4px 4px #1E7AE2; box-shadow:4px 4px 4px  
4px #1E7AE2 }
```

Background

The CSS property to change the background color of an element to Hex 1E7AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7AE2 }
```

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

```
.background{ background-color:#1E7AE2 }
```

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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