

Converting Colors

Hex(1E50A1)

Have a look what the booklet for
Hex(1E50A1) contains.

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Color

Hex(1E50A1)

Conversions

Conversions Part 1

Format	Color
Hex	1E50A1
RGB	30, 80, 161
RGB Percent	12%, 31%, 63%
CMY	0.8824, 0.6863, 0.3686
CMYK	0.81, 0.50, 0.00, 0.37
HSL	217°, 69%, 37%
HSV	217°, 81%, 63%
XYZ	9.8371, 8.5865, 34.8571
YIQ	74.2840, -55.8010, 14.5910

Conversions

Conversions Part 2

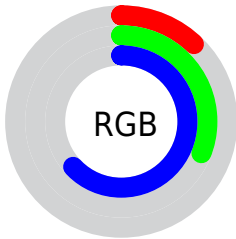
Format	Color
R_{YB}	30, 66, 161
Decimal	1986721
CIE _{Lab}	35.18, 14.17, -48.58
CIE _{LCh}	35, 50.607, 286.259
Yxy	8.5865, 0.1846, 0.1612
Android (android.graphics.Color)	4280176801 (0xFF1E50A1)
YUV	74.2840, 42.7510, -38.8371
Hunter-Lab	29.3028, 8.6434, -50.0163

Details

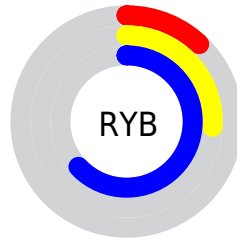
The Hex color **1E50A1** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A16F1E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6181D8**, and **00256D** is the 20% darker color. If you saturate the color by 10%, you get **0E46A1**, and if you desaturate by 10%, it is **2E5AA1**.

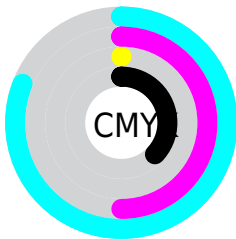
Distribution



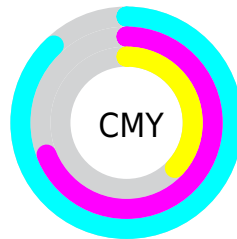
- Red (12%)
- Green (31%)
- Blue (63%)



- Red (12%)
- Yellow (26%)
- Blue (63%)



- Cyan (81%)
- Magenta (50%)
- Yellow (0%)
- Black (37%)



- Cyan (88%)
- Magenta (69%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E50A1 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 1E50A1 by changing the saturation by 10% instead.

■ 1E50A1

■ 1E50A1

FFFFFF

■ 003A86

■ 6181D8

■ 00256D

■ 7E9AF5

■ 001154

■ 9BB5FF

■ 00063C

■ B8D1FF

■ 000225

■ D5EDFF

■ 00010E

■ F3FFFF

■ 000000

■ 1E50A1

■ 1E50A1

■ 0E46A1

■ 2E5AA1

■ 003DA1

■ 3E64A1

■ 4E6EA1

■ 5E78A1

■ 6F82A1

■ 7F8CA1

■ 8F96A1

■ 9FA0A1

■ AFAAA1

Harmonies

Analogous

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



005DA2



1E50A1



6F3D8B

Triad

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



1E50A1



8E3718



00643E

Complementary

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



1E50A1



A16F1E

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.



1C6014



1E50A1



744A00

Square

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



1E50A1



9A263F



505800



006568

Rectangle

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



1E50A1



892F74



505800



006330

Sweetspot

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



1E50A1



9FB2D1



1EA16F



4A5669



E8E8E8



696969

Same Dimension

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



1E50A1



0452D1



2D1EA1



494D52



003791



000712

Inverse Universe

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



A11E50



D10452



92A11E



52494D



910037



120007

Previews

White Background



This preview shows how the Hex color 1E50A1 looks on a white background.

Color Contrast Check

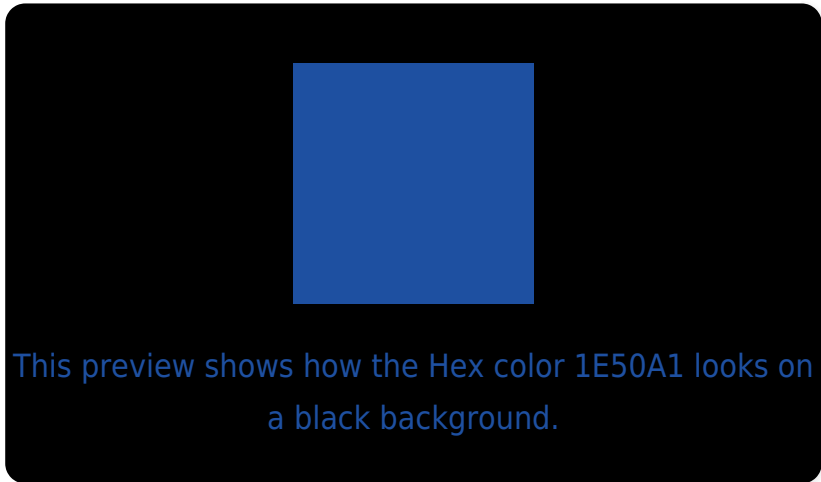
Large Text (above 18pt) WCAG AA ✓ Pass

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

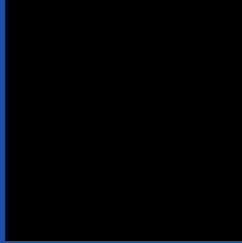
Any Text WCAG AA × Fail

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 1E50A1 Background



This preview shows how black text looks on a background with the Hex color 1E50A1.



This preview shows how white text looks on a background with the Hex color 1E50A1.

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

1E50A1

Protanopia

2250A1

Deuteranopia

005493

Trichromacy



Original Color
1E50A1

Protanomaly
2150A1

Deuteranomaly
0B5398

Tritanomaly
0B5879

Monochromacy



Original Color
1E50A1

Achromatopsia
4A4A4A

Achromatomaly
3A4C6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E50A1 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 #1E50A1 looks like.

```
.text, #text, p{  
    color:#1E50A1  
}
```

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 #1E50A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E50A1  
}
```

Border

The CSS property to change the border of an element to Hex 1E50A1 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  
#1E50A1 }
```

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

```
.border{ border-color:#1E50A1 }
```

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

Here you see how a box with a 4 pixel #1E50A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E50A1; -webkit-box-shadow:4px 4px  
4px 4px #1E50A1; box-shadow:4px 4px 4px  
4px #1E50A1 }
```

Background

The CSS property to change the background color of an element to Hex 1E50A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E50A1 }
```

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

```
.background{ background-color:#1E50A1 }
```

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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