

Converting Colors

Hex(1E4E84)

Have a look what the booklet for
Hex(1E4E84) contains.

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Color

Hex(1E4E84)

Conversions

Conversions Part 1

Format	Color
Hex	1E4E84
RGB	30, 78, 132
RGB Percent	12%, 31%, 52%
CMY	0.8824, 0.6941, 0.4824
CMYK	0.77, 0.41, 0.00, 0.48
HSL	212°, 63%, 32%
HSV	212°, 77%, 52%
XYZ	7.4247, 7.3907, 22.8650
YIQ	69.8040, -45.9420, 6.6180

Conversions

Conversions Part 2

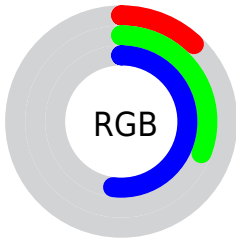
Format	Color
R_{YB}	30, 63, 132
Decimal	1986180
CIE Lab	32.68, 3.91, -34.95
CIE LCh	33, 35.164, 276.383
Yxy	7.3907, 0.1970, 0.1961
Android (android.graphics.Color)	4280176260 (0xFF1E4E84)
YUV	69.8040, 30.6626, -34.9081
Hunter-Lab	27.1859, 1.1743, -30.8364

Details

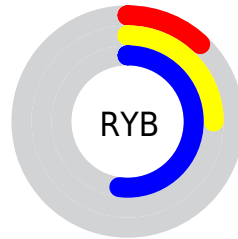
The Hex color **1E4E84** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **84541E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5A7FB9**, and **002352** is the 20% darker color. If you saturate the color by 10%, you get **114784**, and if you desaturate by 10%, it is **2B5584**.

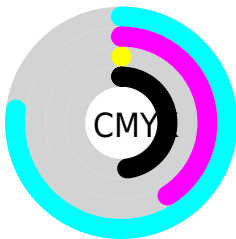
Distribution



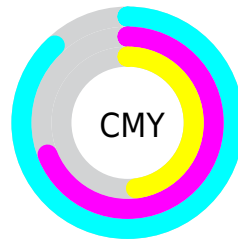
- Red (12%)
- Green (31%)
- Blue (52%)



- Red (12%)
- Yellow (25%)
- Blue (52%)



- Cyan (77%)
- Magenta (41%)
- Yellow (0%)
- Black (48%)



- Cyan (88%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4E84 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 1E4E84 by changing the saturation by 10% instead.

■ 1E4E84

■ 1E4E84

FFFFFF

■ 00386B

■ 5A7FB9

■ 002352

■ 7598D5

■ 000C3B

■ 91B3F2

■ 000224

■ ADCFFF

■ 00000C

■ C9EBFF

■ 000000

■ E7FFFF

■ 1E4E84

■ 1E4E84

■ 114784

■ 2B5584

■ 044084

■ 385C84

■ 003E84

■ 466384

■ 536A84

■ 607184

■ 6D7884

■ 7A7F84

■ 888684

■ 958D84

Harmonies

Analogous

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



00567F



1E4E84



56437A

Triad

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



1E4E84



7C392D



045936

Complementary

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



1E4E84



84541E

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.



39551D



1E4E84



6D4319

Square

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



1E4E84



7F3348



564D11



005A52

Rectangle

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



1E4E84



6B3B6C



564D11



1E582D

Sweetspot

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



1E4E84



8496AB



1E8453



3E4A57



D6D6D6



575757

Same Dimension

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



1E4E84



0C57AB



201E84



3C3F42



003D82



000103

Inverse Universe

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



841E4E



AB0C57



82841E



423C3F



82003D



030001

Previews

White Background



This preview shows how the Hex color 1E4E84 looks on a white background.

Color Contrast Check

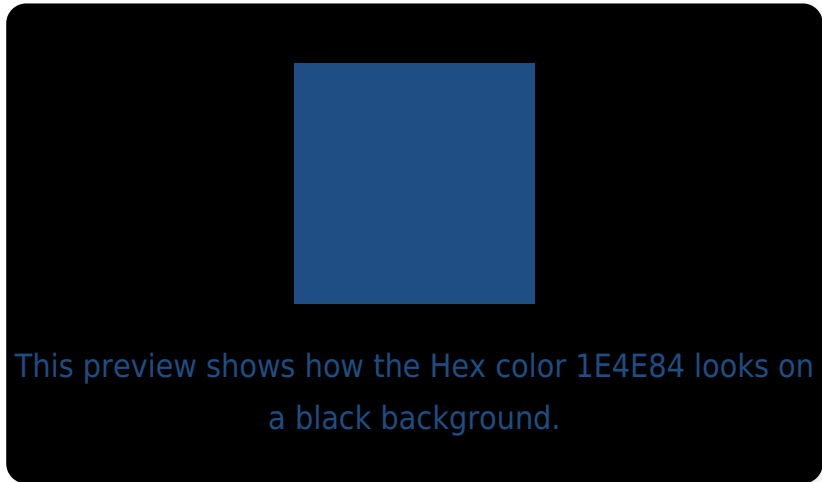
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E4E84 Background



This preview shows how black text looks on a background with the Hex color 1E4E84.



This preview shows how white text looks on a background with the Hex color 1E4E84.

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


1E4E84

Protanopia

364B81

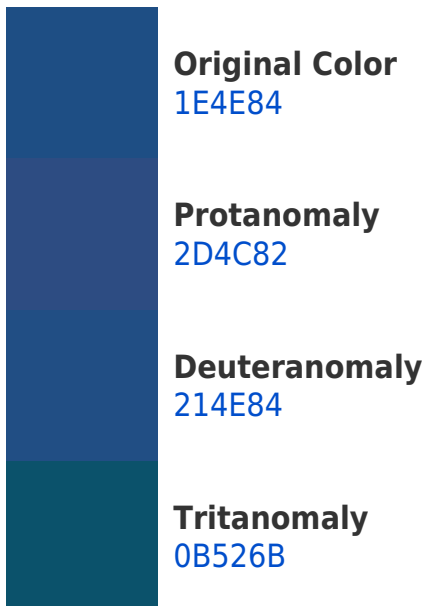
Deuteranopia

224E84



Tritanopia
00555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4E84 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 #1E4E84 looks like.

```
.text, #text, p{  
    color:#1E4E84  
}
```

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 #1E4E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4E84
}
```

Border

The CSS property to change the border of an element to Hex 1E4E84 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
#1E4E84 }
```

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

```
.border{ border-color:#1E4E84 }
```

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

Here you see how a box with a 4 pixel #1E4E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4E84; -webkit-box-shadow:4px 4px  
4px 4px #1E4E84; box-shadow:4px 4px 4px  
4px #1E4E84 }
```

Background

The CSS property to change the background color of an element to Hex 1E4E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4E84 }
```

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

```
.background{ background-color:#1E4E84 }
```

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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