

Converting Colors

Hex(1E3E74)

Have a look what the booklet for
Hex(1E3E74) contains.

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Color

Hex(1E3E74)

Conversions

Conversions Part 1

Format	Color
Hex	1E3E74
RGB	30, 62, 116
RGB Percent	12%, 24%, 45%
CMY	0.8824, 0.7569, 0.5451
CMYK	0.74, 0.47, 0.00, 0.55
HSL	218°, 59%, 29%
HSV	218°, 74%, 45%
XYZ	5.4104, 4.9822, 17.1995
YIQ	58.5880, -36.4060, 10.0100

Conversions

Conversions Part 2

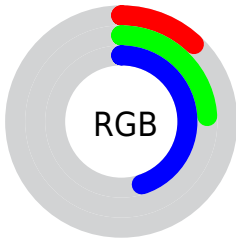
Format	Color
R_{YB}	30, 53, 116
Decimal	1982068
CIE _{Lab}	26.68, 8.36, -34.52
CIE _{LCh}	27, 35.518, 283.607
Yxy	4.9822, 0.1961, 0.1806
Android (android.graphics.Color)	4280172148 (0xFF1E3E74)
YUV	58.5880, 28.3041, -25.0717
Hunter-Lab	22.3209, 4.2056, -30.0616

Details

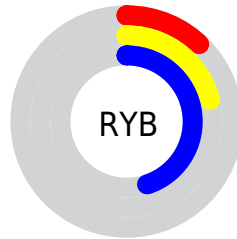
The Hex color **1E3E74** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74541E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **566DA8**, and **001543** is the 20% darker color. If you saturate the color by 10%, you get **123774**, and if you desaturate by 10%, it is **2A4574**.

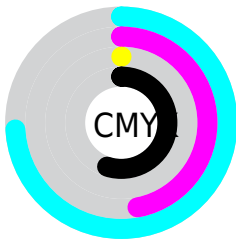
Distribution



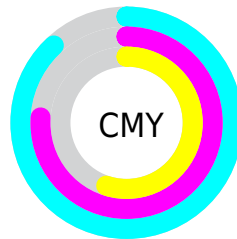
- Red (12%)
- Green (24%)
- Blue (45%)



- Red (12%)
- Yellow (21%)
- Blue (45%)



- Cyan (74%)
- Magenta (47%)
- Yellow (0%)
- Black (55%)



- Cyan (88%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E3E74 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 1E3E74 by changing the saturation by 10% instead.

■ 1E3E74

■ 1E3E74

FFFFFF

■ 00295B

■ 566DA8

■ 001543

■ 7186C4

■ 00032D

■ 8CA0E0

■ 000117

■ A8BBFD

■ 000000

■ C4D7FF

■ E1F3FF

FEFFFF

■ 1E3E74

■ 1E3E74

■ 123774

■ 2A4574

■ 072F74

■ 354D74

■ 002B74

■ 415474

■ 4C5B74

■ 586274

■ 646A74

■ 6F7174

■ 7B7874

■ 868074

Harmonies

Analogous

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



004673



1E3E74



503267

Triad

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



1E3E74



692D1B



004B2F

Complementary

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



1E3E74



74541E

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.



224815



1E3E74



593806

Square

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



1E3E74



702534



414202



004C4B

Rectangle

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



1E3E74



622A58



414202



004A26

Sweetspot

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



1E3E74



758296



1E7453



39404D



CCCCCC



4D4D4D

Same Dimension

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



1E3E74



114296



281E74



35373B



002E7A



005DFA

Inverse Universe

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



741E3E



961142



6A741E



3B3537



7A002E



FA005D

Previews

White Background



This preview shows how the Hex color 1E3E74 looks on a white background.

Color Contrast Check

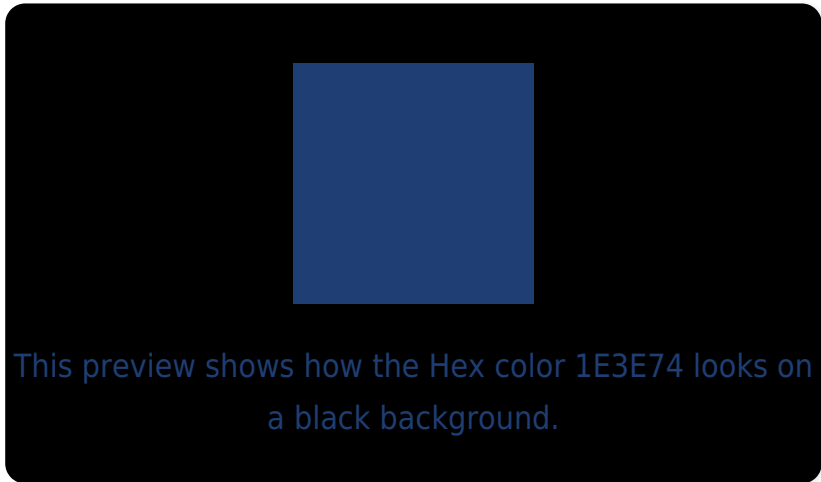
Large Text (above 18pt) WCAG AA ✓ Pass

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

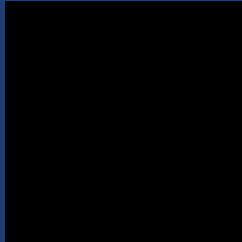
Any Text WCAG AA × Fail

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 1E3E74 Background



This preview shows how black text looks on a background with the Hex color 1E3E74.



This preview shows how white text looks on a background with the Hex color 1E3E74.

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

1E3E74

Protanopia

243D73

Deuteranopia

004072



Tritanopia
00464B

Trichromacy



Original Color

1E3E74

Protanomaly

223D73

Deuteranomaly

0B3F73

Tritanomaly

0B435A

Monochromacy



Original Color

1E3E74

Achromatopsia

3B3B3B

Achromatomaly

303C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E3E74 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 #1E3E74 looks like.

```
.text, #text, p{  
    color:#1E3E74  
}
```

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 #1E3E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E3E74
}
```

Border

The CSS property to change the border of an element to Hex 1E3E74 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".

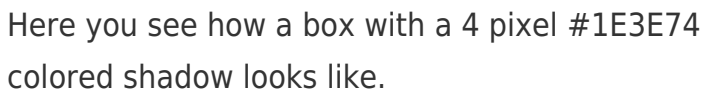
```
.border, #border, table{ border:4px solid
#1E3E74 }
```

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

```
.border{ border-color:#1E3E74 }
```

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

Here you see how a box with a 4 pixel #1E3E74 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E3E74; -webkit-box-shadow:4px 4px  
4px 4px #1E3E74; box-shadow:4px 4px 4px  
4px #1E3E74 }
```

Background

The CSS property to change the background color of an element to Hex 1E3E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E3E74 }
```

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

```
.background{ background-color:#1E3E74 }
```

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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