

Converting Colors

Hex(1E4170)

Have a look what the booklet for
Hex(1E4170) contains.

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Color

Hex(1E4170)

Conversions

Conversions Part 1

Format	Color
Hex	1E4170
RGB	30, 65, 112
RGB Percent	12%, 25%, 44%
CMY	0.8824, 0.7451, 0.5608
CMYK	0.73, 0.42, 0.00, 0.56
HSL	214°, 58%, 28%
HSV	214°, 73%, 44%
XYZ	5.3503, 5.2265, 16.0560
YIQ	59.8930, -35.9470, 7.1970

Conversions

Conversions Part 2

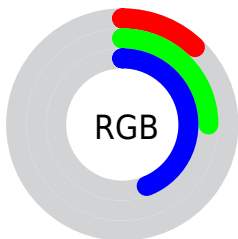
Format	Color
R_{YB}	30, 55, 112
Decimal	1982832
CIE Lab	27.37, 4.68, -30.89
CIE LCh	27, 31.239, 278.621
Yxy	5.2265, 0.2009, 0.1962
Android (android.graphics.Color)	4280172912 (0xFF1E4170)
YUV	59.8930, 25.6888, -26.2162
Hunter-Lab	22.8615, 1.7674, -25.6375




Details

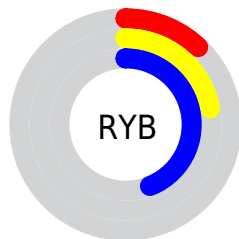
The Hex color **1E4170** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **704D1E**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **5570A4**, and **001740** is the 20% darker color. If you saturate the color by 10%, you get **133B70**, and if you desaturate by 10%, it is **294770**.

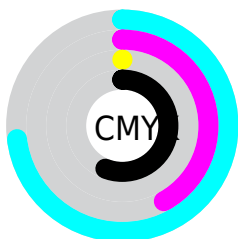
Distribution







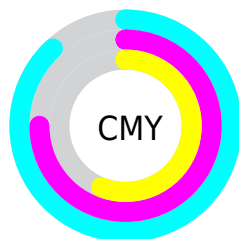
-  Red (12%)
-  Green (25%)
-  Blue (44%)






-  Red (12%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (73%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (88%)
-  Magenta (75%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4170 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 1E4170 by changing the saturation by 10% instead.

■ 1E4170

■ 1E4170

FFFFFF

■ 002B57

■ 5570A4

■ 001740

■ 708ABF

■ 000329

■ 8BA4DB

■ 000113

■ A6BFF8

■ 000000

■ C2DBFF

■ DFF7FF

■ FFFFFFFF

■ 1E4170

■ 1E4170

■ 133B70

■ 294770

■ 083470

■ 344E70

■ 003070

■ 405470

■ 4B5B70

■ 566170

■ 616870

■ 6C6E70

■ 787470

■ 837B70

Harmonies

Analogous

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



00486D



1E4170



4B3766

Triad

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



1E4170



693024



004B2E

Complementary

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



1E4170



704D1E

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.



2D4819



1E4170



5B3913

Square

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



1E4170



6C2B3B



47420D



004C47

Rectangle

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



1E4170



5D315A



47420D



154A27

Sweetspot

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



1E4170



717F91



1E704C



373F4A



C9C9C9



4A4A4A

Same Dimension

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



1E4170



114891



231E70



323538



003378



006AF7

Inverse Universe

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



701E41



911148



6B701E



383235



780033



F7006A

Previews

White Background



This preview shows how the Hex color 1E4170 looks on a white background.

Color Contrast Check

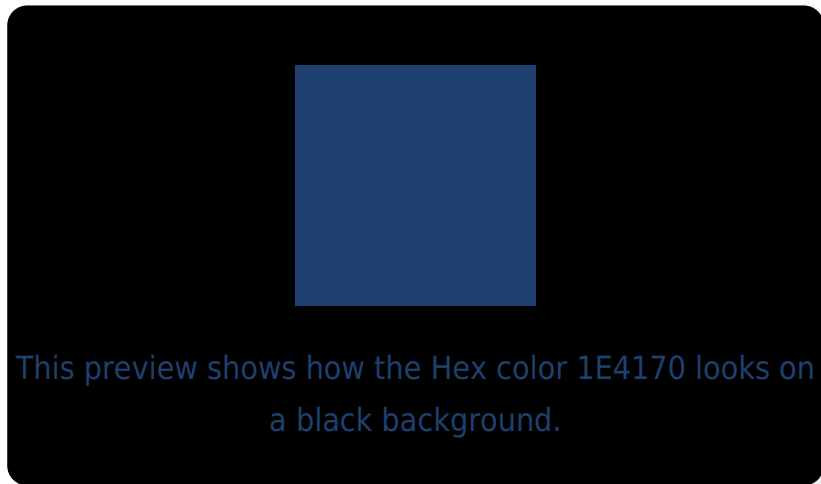
Large Text (above 18pt) WCAG AA ✓ Pass

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

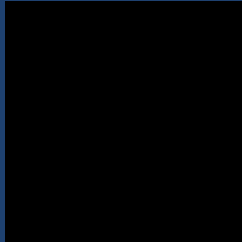
Any Text WCAG AA × Fail

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 1E4170 Background



This preview shows how black text looks on a background with the Hex color 1E4170.



This preview shows how white text looks on a background with the Hex color 1E4170.

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
1E4170

Protanopia
2C3F6E

Deuteranopia
1B4170



Tritanopia
00484D

Trichromacy



Original Color
1E4170

Protanomaly
27406F

Deuteranomaly
1C4170

Tritanomaly
0B455A

Monochromacy



Original Color
1E4170

Achromatopsia
3C3C3C

Achromatomaly
313E4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4170 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 #1E4170 looks like.

```
.text, #text, p{  
    color:#1E4170  
}
```

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 #1E4170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4170
}
```

Border

The CSS property to change the border of an element to Hex 1E4170 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
#1E4170 }
```

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

```
.border{ border-color:#1E4170 }
```

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

Here you see how a box with a 4 pixel #1E4170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4170; -webkit-box-shadow:4px 4px  
4px 4px #1E4170; box-shadow:4px 4px 4px  
4px #1E4170 }
```

Background

The CSS property to change the background color of an element to Hex 1E4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4170 }
```

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

```
.background{ background-color:#1E4170 }
```

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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