

Converting Colors

Hex(1E417C)

Have a look what the booklet for
Hex(1E417C) contains.

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Color

Hex(1E417C)

Conversions

Conversions Part 1

Format	Color
Hex	1E417C
RGB	30, 65, 124
RGB Percent	12%, 25%, 49%
CMY	0.8824, 0.7451, 0.5137
CMYK	0.76, 0.48, 0.00, 0.51
HSL	218°, 61%, 30%
HSV	218°, 76%, 49%
XYZ	6.0638, 5.5118, 19.8131
YIQ	61.2610, -39.7990, 10.9290

Conversions

Conversions Part 2

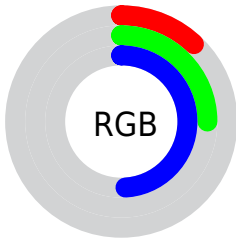
Format	Color
R_{YB}	30, 56, 124
Decimal	1982844
CIE _{Lab}	28.15, 9.51, -37.22
CIE _{LCh}	28, 38.415, 284.326
Yxy	5.5118, 0.1932, 0.1756
Android (android.graphics.Color)	4280172924 (0xFF1E417C)
YUV	61.2610, 30.9303, -27.4159
Hunter-Lab	23.4773, 5.0183, -33.6021




Details

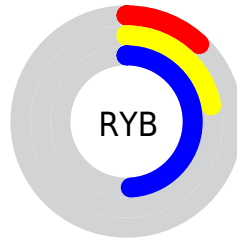
The Hex color **1E417C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C591E**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **5870B1**, and **00184A** is the 20% darker color. If you saturate the color by 10%, you get **12397C**, and if you desaturate by 10%, it is **2A497C**.

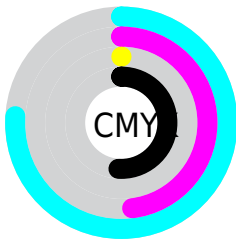
Distribution







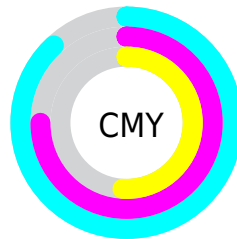
-  Red (12%)
-  Green (25%)
-  Blue (49%)






-  Red (12%)
-  Yellow (22%)
-  Blue (49%)



-  Cyan (76%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (88%)
-  Magenta (75%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E417C 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 1E417C by changing the saturation by 10% instead.

■ 1E417C

■ 1E417C

FFFFFF

■ 002B63

■ 5870B1

■ 00184A

■ 738ACD

■ 000333

■ 8FA4E9

■ 00021D

■ AABFFF

■ 000000

■ C7DBFF

■ E4F7FF

■ 1E417C

■ 1E417C

■ 12397C

■ 2A497C

■ 05317C

■ 37517C

■ 002E7C

■ 43587C

■ 50607C

■ 5C687C

■ 68707C

■ 75777C

■ 817F7C

■ 8E877C

Harmonies

Analogous

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



004A7B



1E417C



56346D

Triad

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



1E417C



702F1A



004F31

Complementary

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



1E417C



7C591E

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.



214C14



1E417C



5D3B02

Square

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



1E417C



772536



434500



005050

Rectangle

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



1E417C



692B5D



434500



004E27

Sweetspot

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



1E417C



7C89A1



1E7C58



3B4352



D1D1D1



525252

Same Dimension

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



1E417C



0E45A1



291E7C



37393D



002F7D



005EFC

Inverse Universe

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



7C1E41



A10E45



717C1E



3D3739



7D002F



FC005E

Previews

White Background



This preview shows how the Hex color 1E417C looks on a white background.

Color Contrast Check

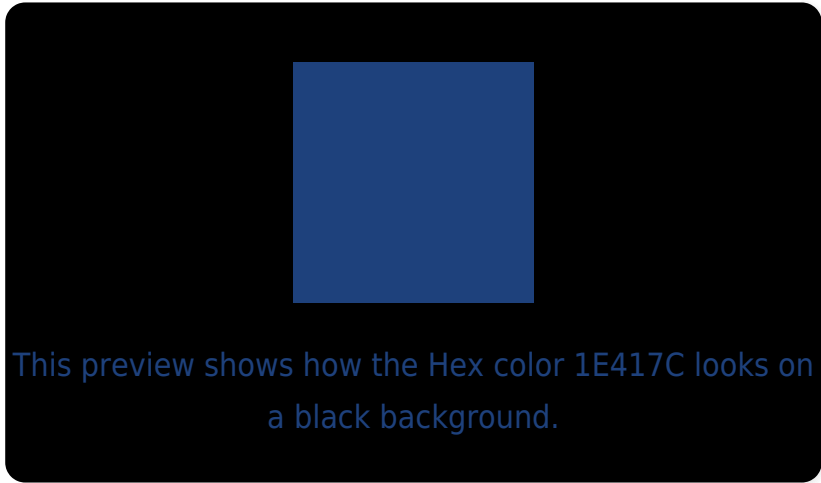
Large Text (above 18pt) WCAG AA ✓ Pass

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

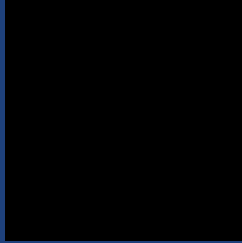
Any Text WCAG AA × Fail

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 1E417C Background



This preview shows how black text looks on a background with the Hex color 1E417C.



This preview shows how white text looks on a background with the Hex color 1E417C.

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
1E417C

Protanopia
24407B

Deuteranopia
004477



Tritanopia
004A4F

Trichromacy



Original Color

1E417C

Protanomaly

22407B

Deuteranomaly

0B4379

Tritanomaly

0B475F

Monochromacy



Original Color

1E417C

Achromatopsia

3D3D3D

Achromatomaly

323E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E417C 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 #1E417C looks like.

```
.text, #text, p{  
    color:#1E417C  
}
```

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 #1E417C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E417C  
}
```

Border

The CSS property to change the border of an element to Hex 1E417C 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  
#1E417C }
```

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

```
.border{ border-color:#1E417C }
```

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

Here you see how a box with a 4 pixel #1E417C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E417C; -webkit-box-shadow:4px 4px  
4px 4px #1E417C; box-shadow:4px 4px 4px  
4px #1E417C }
```

Background

The CSS property to change the background color of an element to Hex 1E417C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E417C }
```

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

```
.background{ background-color:#1E417C }
```

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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