

Converting Colors

Hex(1E4085)

Have a look what the booklet for
Hex(1E4085) contains.

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Color

Hex(1E4085)

Conversions

Conversions Part 1

Format	Color
Hex	1E4085
RGB	30, 64, 133
RGB Percent	12%, 25%, 52%
CMY	0.8824, 0.7490, 0.4784
CMYK	0.77, 0.52, 0.00, 0.48
HSL	220°, 63%, 32%
HSV	220°, 77%, 52%
XYZ	6.6025, 5.6363, 22.9302
YIQ	61.7000, -42.4130, 14.2510

Conversions

Conversions Part 2

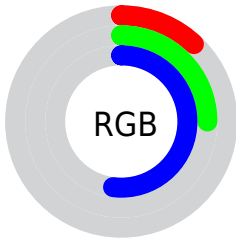
Format	Color
R_{YB}	30, 56, 133
Decimal	1982597
CIE _{Lab}	28.48, 13.83, -42.31
CIE _{LCh}	28, 44.513, 288.105
Yxy	5.6363, 0.1877, 0.1603
Android (android.graphics.Color)	4280172677 (0xFF1E4085)
YUV	61.7000, 35.1509, -27.8009
Hunter-Lab	23.7408, 8.0954, -40.6470

Details

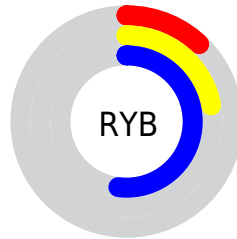
The Hex color **1E4085** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **85631E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5A6FBB**, and **001753** is the 20% darker color. If you saturate the color by 10%, you get **113785**, and if you desaturate by 10%, it is **2B4985**.

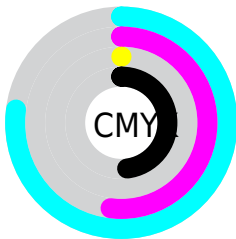
Distribution



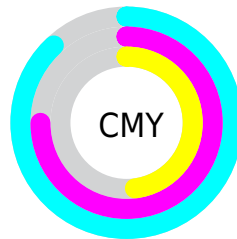
- Red (12%)
- Green (25%)
- Blue (52%)



- Red (12%)
- Yellow (22%)
- Blue (52%)



- Cyan (77%)
- Magenta (52%)
- Yellow (0%)
- Black (48%)



- Cyan (88%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4085 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 1E4085 by changing the saturation by 10% instead.

■ 1E4085

■ 1E4085

FFFFFF

■ 002A6B

■ 5A6FBB

■ 001753

■ 7688D7

■ 00003B

■ 92A3F3

■ 000224

■ AEBEFF

■ 00000C

■ CBD9FF

■ 000000

■ E8F6FF

■ 1E4085

■ 1E4085

■ 113785

■ 2B4985

■ 032E85

■ 395285

■ 002C85

■ 465B85

■ 536485

■ 616D85

■ 6E7585

■ 7B7E85

■ 888785

■ 969085

Harmonies

Analogous

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



004B87



1E4085



5E2F71

Triad

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



1E4085



742D10



005234

Complementary

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



1E4085



85631E

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.



0E4E10



1E4085



5E3D00

Square

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



1E4085



7F1E30



3F4800



005258

Rectangle

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



1E4085



73235D



3F4800



005128

Sweetspot

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



1E4085



8693AD



1E8563



3E4657



D6D6D6



575757

Same Dimension

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



1E4085



0C41AD



2F1E85



3C3E42



002B82



000103

Inverse Universe

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



851E40



AD0C41



74851E



423C3E



82002B



030001

Previews

White Background



This preview shows how the Hex color 1E4085 looks on a white background.

Color Contrast Check

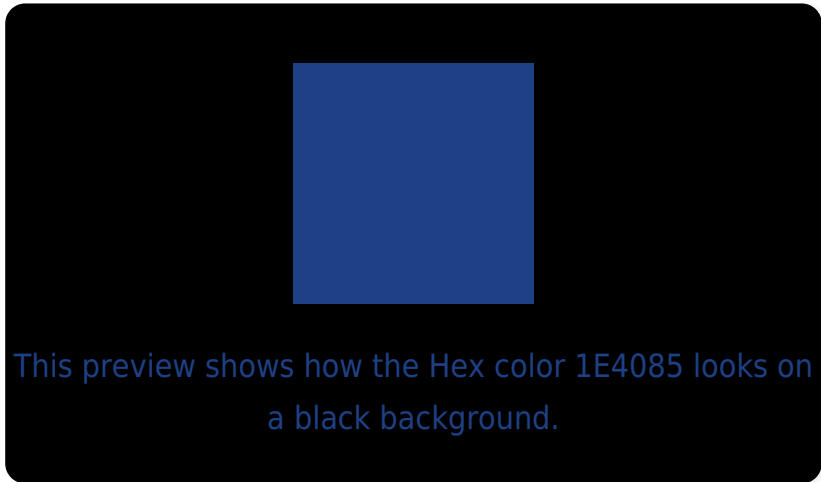
Large Text (above 18pt) WCAG AA ✓ Pass

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

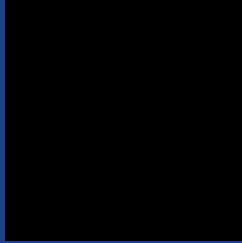
Any Text WCAG AA × Fail

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 1E4085 Background



This preview shows how black text looks on a background with the Hex color 1E4085.



This preview shows how white text looks on a background with the Hex color 1E4085.

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
1E4085

Protanopia
154186

Deuteranopia
004577



Tritanopia
004B50

Trichromacy



Original Color
1E4085

Protanomaly
184186

Deuteranomaly
0B437C

Tritanomaly
0B4763

Monochromacy



Original Color
1E4085

Achromatopsia
3E3E3E

Achromatomaly
323F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4085 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 #1E4085 looks like.

```
.text, #text, p{  
    color:#1E4085  
}
```

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 #1E4085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4085
}
```

Border

The CSS property to change the border of an element to Hex 1E4085 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
#1E4085 }
```

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

```
.border{ border-color:#1E4085 }
```

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

Here you see how a box with a 4 pixel #1E4085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4085; -webkit-box-shadow:4px 4px  
4px 4px #1E4085; box-shadow:4px 4px 4px  
4px #1E4085 }
```

Background

The CSS property to change the background color of an element to Hex 1E4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4085 }
```

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

```
.background{ background-color:#1E4085 }
```

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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