

Converting Colors

Hex(1837A4)

Have a look what the booklet for
Hex(1837A4) contains.

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Color

Hex(1837A4)

Conversions

Conversions Part 1

Format	Color
Hex	1837A4
RGB	24, 55, 164
RGB Percent	9%, 22%, 64%
CMY	0.9059, 0.7843, 0.3569
CMYK	0.85, 0.66, 0.00, 0.36
HSL	227°, 74%, 37%
HSV	227°, 85%, 64%
XYZ	8.4437, 5.6069, 35.7592
YIQ	58.1570, -53.4650, 27.3270

Conversions

Conversions Part 2

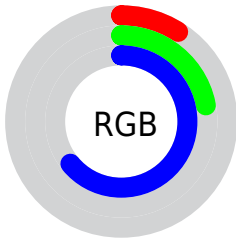
Format	Color
R_{YB}	24, 49, 164
Decimal	1587108
CIE _{Lab}	28.40, 31.73, -61.44
CIE _{LCh}	28, 69.148, 297.314
Yxy	5.6069, 0.1695, 0.1126
Android (android.graphics.Color)	4279777188 (0xFF1837A4)
YUV	58.1570, 52.1806, -29.9557
Hunter-Lab	23.6789, 22.2137, -72.9628

Details

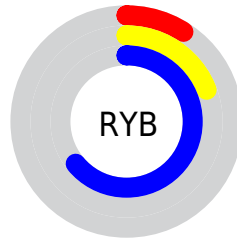
The Hex color **1837A4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A48518**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6066DC**, and **000F6F** is the 20% darker color. If you saturate the color by 10%, you get **082AA4**, and if you desaturate by 10%, it is **2844A4**.

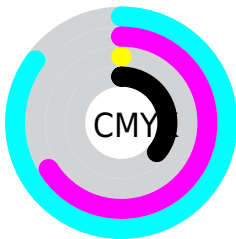
Distribution



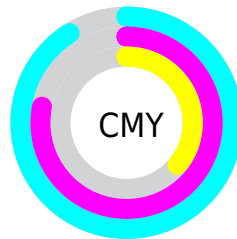
- Red (9%)
- Green (22%)
- Blue (64%)



- Red (9%)
- Yellow (19%)
- Blue (64%)



- Cyan (85%)
- Magenta (66%)
- Yellow (0%)
- Black (36%)



- Cyan (91%)
- Magenta (78%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1837A4 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 1837A4 by changing the saturation by 10% instead.

■ 1837A4

■ 1837A4

FFFFFF

■ 002289

■ 6066DC

■ 000F6F

■ 7E7FF9

■ 000056

■ 9C99FF

■ 00063D

■ B9B3FF

■ 000327

■ D7CFFF

■ 000110

■ F5EBFF

■ 000000

■ 1837A4

■ 1837A4

■ 082AA4

■ 2844A4

0024A4

3951A4

495DA4

5A6AA4

6A77A4

7A84A4

8B90A4

9B9DA4

ACAAA4

Harmonies

Analogous

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



004DB0



1837A4



7B007E

Triad

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



1837A4



7E2300



00563D

Complementary

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



1837A4



A48518

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.



005400



1837A4



574000

Square

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



1837A4



960017



1F4E00



005773

Rectangle

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



1837A4



92005C



1F4E00



005629

Sweetspot

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



1837A4



9FABD6



18A483



4A516B



EBEBEB



6B6B6B

Same Dimension

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



1837A4



002FD6



3D18A4



494B52



002091



000412

Inverse Universe

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



A41837



D6002F



7FA418



52494B



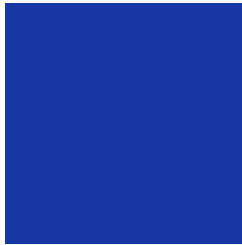
910020



120004

Previews

White Background



This preview shows how the Hex color 1837A4 looks on a white background.

Color Contrast Check

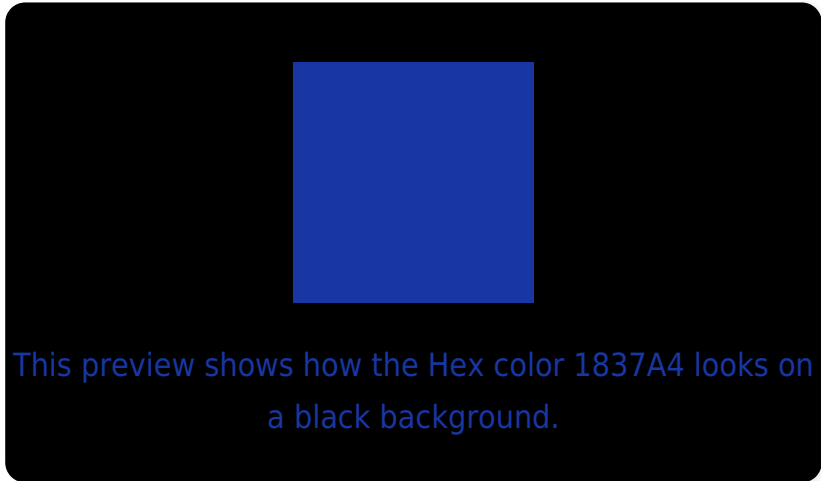
Large Text (above 18pt) WCAG AA ✓ Pass

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

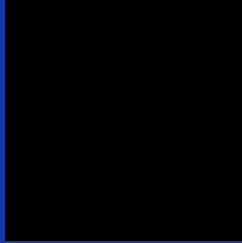
Any Text WCAG AA × Fail

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 1837A4 Background



This preview shows how black text looks on a background with the Hex color 1837A4.



This preview shows how white text looks on a background with the Hex color 1837A4.

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
1837A4

Protanopia
004188

Deuteranopia
004574



Tritanopia
004A4F

Trichromacy



Original Color
1837A4

Protanomaly
093D92

Deuteranomaly
094085

Tritanomaly
09436E

Monochromacy



Original Color
1837A4

Achromatopsia
3A3A3A

Achromatomaly
2E3961

CSS Examples

Text

The CSS property to change the color of the text to Hex 1837A4 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 #1837A4 looks like.

```
.text, #text, p{  
    color:#1837A4  
}
```

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 #1837A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1837A4
}
```

Border

The CSS property to change the border of an element to Hex 1837A4 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
#1837A4 }
```

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

```
.border{ border-color:#1837A4 }
```

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

Here you see how a box with a 4 pixel #1837A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1837A4; -webkit-box-shadow:4px 4px  
4px 4px #1837A4; box-shadow:4px 4px 4px  
4px #1837A4 }
```

Background

The CSS property to change the background color of an element to Hex 1837A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1837A4 }
```

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

```
.background{ background-color:#1837A4 }
```

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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