

Converting Colors

Hex(1832B4)

Have a look what the booklet for
Hex(1832B4) contains.

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Color

Hex(1832B4)

Conversions

Conversions Part 1

Format	Color
Hex	1832B4
RGB	24, 50, 180
RGB Percent	9%, 20%, 71%
CMY	0.9059, 0.8039, 0.2941
CMYK	0.87, 0.72, 0.00, 0.29
HSL	230°, 76%, 40%
HSV	230°, 87%, 71%
XYZ	9.7555, 5.7707, 43.7797
YIQ	57.0460, -57.2260, 34.9180

Conversions

Conversions Part 2

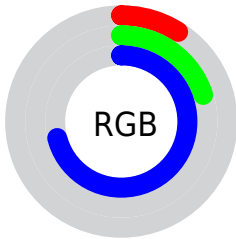
Format	Color
R_{YB}	24, 46, 180
Decimal	1585844
CIE _{Lab}	28.83, 40.89, -70.33
CIE _{LCh}	29, 81.350, 300.172
Yxy	5.7707, 0.1645, 0.0973
Android (android.graphics.Color)	4279775924 (0xFF1832B4)
YUV	57.0460, 60.6163, -28.9813
Hunter-Lab	24.0222, 30.4505, -91.2384

Details

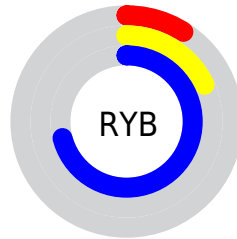
The Hex color **1832B4** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B49A18**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6661ED**, and **00097E** is the 20% darker color. If you saturate the color by 10%, you get **0623B4**, and if you desaturate by 10%, it is **2A41B4**.

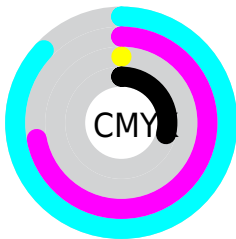
Distribution



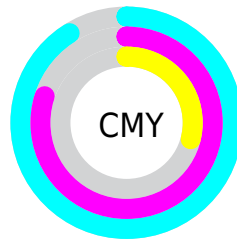
- Red (9%)
- Green (20%)
- Blue (71%)



- Red (9%)
- Yellow (18%)
- Blue (71%)



- Cyan (87%)
- Magenta (72%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (80%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1832B4 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 1832B4 by changing the saturation by 10% instead.

 1832B4

 1832B4

FFFFFF

 001C98

 6661ED

 00097E

 847AFF

 000064

 A394FF

 00094B

 C1AFFF

 000433

 DFCAFF

 00021D

 FEE6FF

 000000

 1832B4

 1832B4

 0623B4

 2A41B4

■ 001EB4

■ 3C50B4

■ 4E5FB4

■ 606EB4

■ 727DB4

■ 848CB4

■ 969BB4

■ A8AAB4

■ BAB9B4

Harmonies

Analogous

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



004FC6



1832B4



8A0084

Triad

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



1832B4



832000



005943

Complementary

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



1832B4



B49A18

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.



005700



1832B4



544300

Square

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



1832B4



A20008



005100



005B83

Rectangle

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



1832B4



A2005C



005100



00592C

Sweetspot

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



1832B4



AEB8EB



18B49A



515775



F5F5F5



757575

Same Dimension

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



1832B4



0027EB



4C18B4



505259



001A99



00041A

Inverse Universe

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



B41832



EB0027



80B418



595052



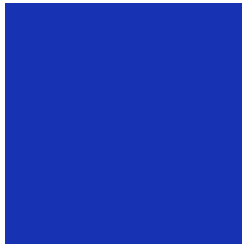
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 1832B4 looks on a white background.

Color Contrast Check

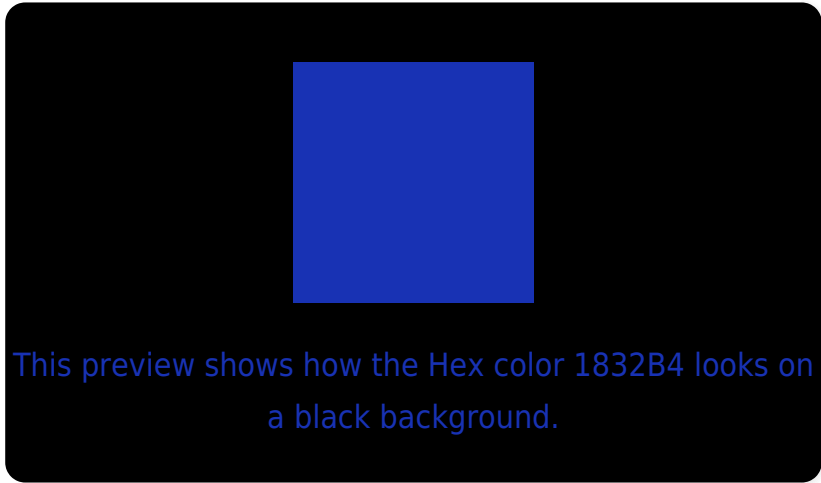
Large Text (above 18pt) WCAG AA ✓ Pass

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

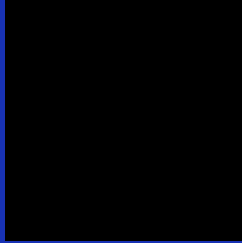
Any Text WCAG AA × Fail

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 1832B4 Background



This preview shows how black text looks on a background with the Hex color 1832B4.



This preview shows how white text looks on a background with the Hex color 1832B4.

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
1832B4

Protanopia
00428A

Deuteranopia
004675



Tritanopia
004B4F

Trichromacy



Original Color
1832B4

Protanomaly
093C99

Deuteranomaly
093F8C

Tritanomaly
094274

Monochromacy



Original Color
1832B4

Achromatopsia
393939

Achromatomaly
2D3666

CSS Examples

Text

The CSS property to change the color of the text to Hex 1832B4 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 #1832B4 looks like.

```
.text, #text, p{  
    color:#1832B4  
}
```

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 #1832B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1832B4
}
```

Border

The CSS property to change the border of an element to Hex 1832B4 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
#1832B4 }
```

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

```
.border{ border-color:#1832B4 }
```

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

Here you see how a box with a 4 pixel #1832B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1832B4; -webkit-box-shadow:4px 4px  
4px 4px #1832B4; box-shadow:4px 4px 4px  
4px #1832B4 }
```

Background

The CSS property to change the background color of an element to Hex 1832B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1832B4 }
```

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

```
.background{ background-color:#1832B4 }
```

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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