

Converting Colors

Hex(1B4475)

Have a look what the booklet for
Hex(1B4475) contains.

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Color

Hex(1B4475)

Conversions

Conversions Part 1

Format	Color
Hex	1B4475
RGB	27, 68, 117
RGB Percent	11%, 27%, 46%
CMY	0.8941, 0.7333, 0.5412
CMYK	0.77, 0.42, 0.00, 0.54
HSL	213°, 62%, 28%
HSV	213°, 77%, 46%
XYZ	5.7300, 5.6516, 17.6185
YIQ	61.3270, -40.1650, 6.5470

Conversions

Conversions Part 2

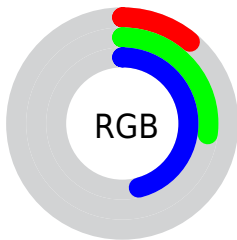
Format	Color
R_{YB}	27, 55, 117
Decimal	1786997
CIE _{Lab}	28.52, 4.17, -32.23
CIE _{LCh}	29, 32.503, 277.380
Yxy	5.6516, 0.1976, 0.1949
Android (android.graphics.Color)	4279977077 (0xFF1B4475)
YUV	61.3270, 27.4468, -30.1048
Hunter-Lab	23.7731, 1.4207, -27.2992




Details

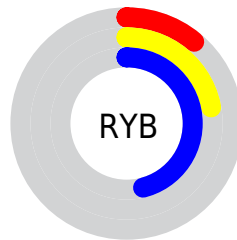
The Hex color **1B4475** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **754C1B**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **5474A9**, and **001A44** is the 20% darker color. If you saturate the color by 10%, you get **0F3E75**, and if you desaturate by 10%, it is **274A75**.

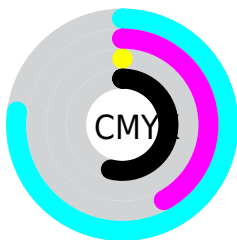
Distribution







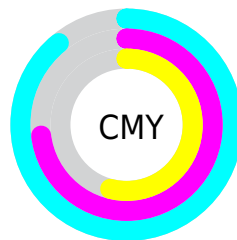
-  Red (11%)
-  Green (27%)
-  Blue (46%)






-  Red (11%)
-  Yellow (22%)
-  Blue (46%)



-  Cyan (77%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (89%)
-  Magenta (73%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4475 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 1B4475 by changing the saturation by 10% instead.

■ 1B4475

■ 1B4475

FFFFFF

■ 002E5C

■ 5474A9

■ 001A44

■ 6F8DC5

■ 00032E

■ 8AA7E1

■ 000118

■ A6C3FE

■ 000000

■ C2DEFF

■ DFFBFF

■ FFFFFFFF

■ 1B4475

■ 1B4475

■ 0F3E75

■ 274A75

■ 043775

■ 325175

■ 003575

■ 3E5775

■ 4A5D75

■ 566475

■ 616A75

■ 6D7175

■ 797775

■ 847D75

Harmonies

Analogous

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



004B71



1B4475



4D3A6B

Triad

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



1B4475



6E3126



004E2F

Complementary

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



1B4475



754C1B

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.



304A19



1B4475



603B14

Square

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



1B4475



712C3E



4B440D



004F49

Rectangle

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



1B4475



60335F



4B440D



174D27

Sweetspot

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



1B4475



768699



1B754B



37414D



CCCCCC



4D4D4D

Same Dimension

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



1B4475



0C4C99



1E1B75



35373B



00387A



0072FA

Inverse Universe

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



751B44



990C4C



72751B



3B3537



7A0038



FA0072

Previews

White Background



This preview shows how the Hex color 1B4475 looks on a white background.

Color Contrast Check

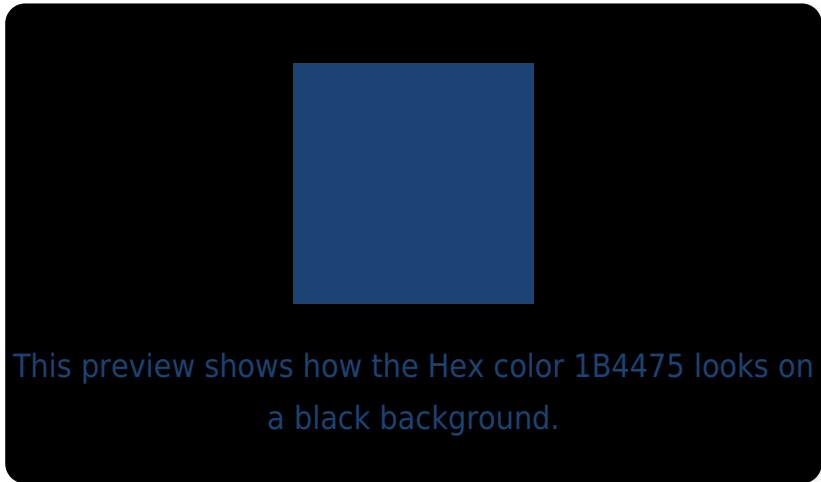
Large Text (above 18pt) WCAG AA ✓ Pass

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

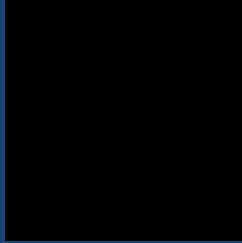
Any Text WCAG AA × Fail

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 1B4475 Background



This preview shows how black text looks on a background with the Hex color 1B4475.



This preview shows how white text looks on a background with the Hex color 1B4475.

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
1B4475

Protanopia
2E4273

Deuteranopia
1B4475



Tritanopia
004B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4475 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 #1B4475 looks like.

```
.text, #text, p{  
    color:#1B4475  
}
```

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 #1B4475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4475
}
```

Border

The CSS property to change the border of an element to Hex 1B4475 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
#1B4475 }
```

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

```
.border{ border-color:#1B4475 }
```

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

Here you see how a box with a 4 pixel #1B4475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4475; -webkit-box-shadow:4px 4px  
4px 4px #1B4475; box-shadow:4px 4px 4px  
4px #1B4475 }
```

Background

The CSS property to change the background color of an element to Hex 1B4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4475 }
```

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

```
.background{ background-color:#1B4475 }
```

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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