

Converting Colors

Hex(1647AB)

Have a look what the booklet for
Hex(1647AB) contains.

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Color

Hex(1647AB)

Conversions

Conversions Part 1

Format	Color
Hex	1647AB
RGB	22, 71, 171
RGB Percent	9%, 28%, 67%
CMY	0.9137, 0.7216, 0.3294
CMYK	0.87, 0.58, 0.00, 0.33
HSL	220°, 77%, 38%
HSV	220°, 87%, 67%
XYZ	9.9348, 7.6173, 39.4747
YIQ	67.7490, -61.3040, 20.7120

Conversions

Conversions Part 2

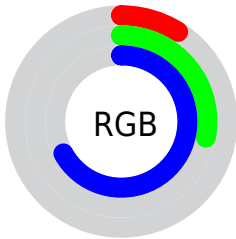
Format	Color
R _Y B	22, 59, 171
Decimal	1460139
CIE Lab	33.17, 23.58, -57.83
CIE LCh	33, 62.450, 292.180
Yxy	7.6173, 0.1742, 0.1336
Android (android.graphics.Color)	4279650219 (0xFF1647AB)
YUV	67.7490, 50.9027, -40.1219
Hunter-Lab	27.5995, 15.9543, -65.4811

Details

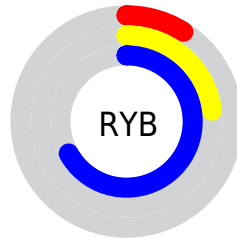
The Hex color **1647AB** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AB7A16**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6077E3**, and **001D76** is the 20% darker color. If you saturate the color by 10%, you get **053CAB**, and if you desaturate by 10%, it is **2752AB**.

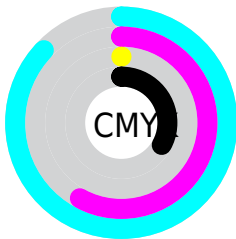
Distribution



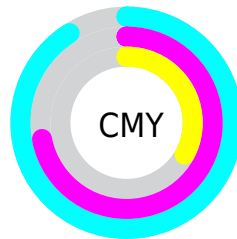
- Red (9%)
- Green (28%)
- Blue (67%)



- Red (9%)
- Yellow (23%)
- Blue (67%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)
- Black (33%)



- Cyan (91%)
- Magenta (72%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1647AB 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 1647AB by changing the saturation by 10% instead.

■ 1647AB

■ 1647AB

FFFFFF

■ 003190

■ 6077E3

■ 001D76

■ 7E90FF

■ 00075C

■ 9CABFF

■ 000744

■ B9C6FF

■ 00032D

■ D7E2FF

■ 000117

■ F5FEFF

■ 000000

■ 1647AB

■ 1647AB

■ 053CAB

■ 2752AB

■ 0038AB

■ 385EAB

■ 4969AB

■ 5A75AB

■ 6B80AB

■ 7D8CAB

■ 8E97AB

■ 9FA3AB

■ B0AEAB

Harmonies

Analogous

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



0058B1



1647AB



7A298B

Triad

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



1647AB



8D2E00



00613F

Complementary

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



1647AB



AB7A16

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.



005E02



1647AB



6B4800

Square

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



1647AB



A0002D



3E5600



006272

Rectangle

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



1647AB



95066D



3E5600



00612D

Sweetspot

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



1647AB



A4B7DE



16AB79



4D5970



F0F0F0



707070

Same Dimension

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



1647AB



0049DE



2F16AB



4E5157



003196



000817

Inverse Universe

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



AB1647



DE0049



92AB16



574E51



960031



170008

Previews

White Background



This preview shows how the Hex color 1647AB looks on a white background.

Color Contrast Check

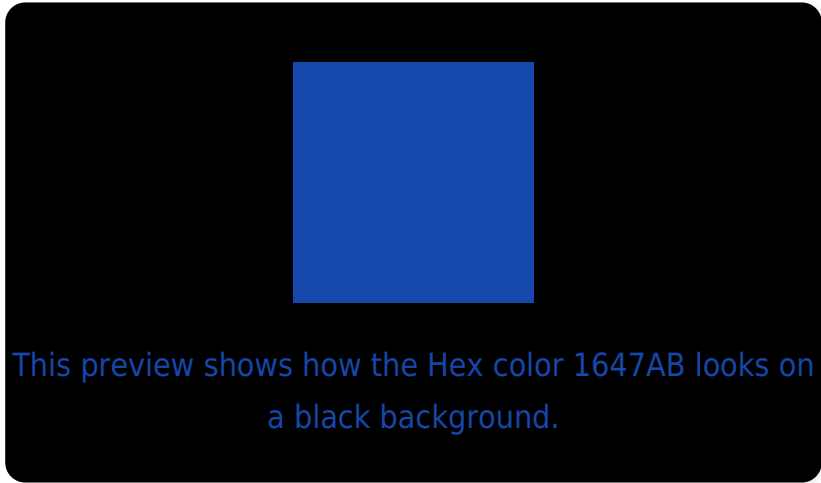
Large Text (above 18pt) WCAG AA ✓ Pass

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

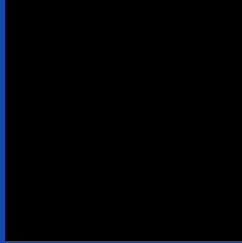
Any Text WCAG AA × Fail

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 1647AB Background



This preview shows how black text looks on a background with the Hex color 1647AB.



This preview shows how white text looks on a background with the Hex color 1647AB.

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
1647AB

Protanopia
004B9F

Deuteranopia
005089



Tritanopia
00575C

Trichromacy



Original Color
1647AB

Protanomaly
084AA3

Deuteranomaly
084D95

Tritanomaly
085179

Monochromacy



Original Color
1647AB

Achromatopsia
444444

Achromatomaly
334569

CSS Examples

Text

The CSS property to change the color of the text to Hex 1647AB 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 #1647AB looks like.

```
.text, #text, p{  
    color:#1647AB  
}
```

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 #1647AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1647AB
}
```

Border

The CSS property to change the border of an element to Hex 1647AB 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
#1647AB }
```

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

```
.border{ border-color:#1647AB }
```

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

Here you see how a box with a 4 pixel #1647AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1647AB; -webkit-box-shadow:4px 4px  
4px 4px #1647AB; box-shadow:4px 4px 4px  
4px #1647AB }
```

Background

The CSS property to change the background color of an element to Hex 1647AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1647AB }
```

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

```
.background{ background-color:#1647AB }
```

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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