

Converting Colors

Hex(1475AA)

Have a look what the booklet for
Hex(1475AA) contains.

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Color

Hex(1475AA)

Conversions

Conversions Part 1

Format	Color
Hex	1475AA
RGB	20, 117, 170
RGB Percent	8%, 46%, 67%
CMY	0.9216, 0.5412, 0.3333
CMYK	0.88, 0.31, 0.00, 0.33
HSL	201°, 79%, 37%
HSV	201°, 88%, 67%
XYZ	13.9055, 15.7736, 40.3419
YIQ	94.0390, -74.8250, -4.0810

Conversions

Conversions Part 2

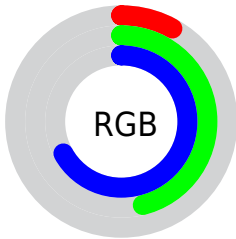
Format	Color
R _Y B	20, 79, 170
Decimal	1340842
CIE Lab	46.68, -6.69, -35.58
CIE LCh	47, 36.208, 259.349
Yxy	15.7736, 0.1986, 0.2253
Android (android.graphics.Color)	4279530922 (0xFF1475AA)
YUV	94.0390, 37.4488, -64.9322
Hunter-Lab	39.7160, -7.0060, -32.4233

Details

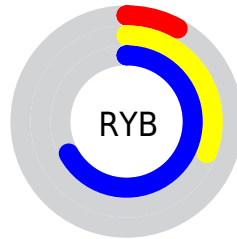
The Hex color **1475AA** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AA4914**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5FA9E2**, and **004575** is the 20% darker color. If you saturate the color by 10%, you get **036FAA**, and if you desaturate by 10%, it is **257BAA**.

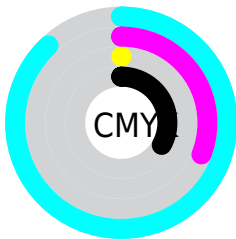
Distribution



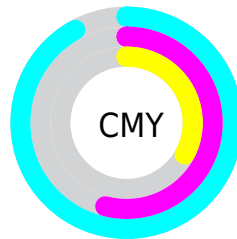
- Red (8%)
- Green (46%)
- Blue (67%)



- Red (8%)
- Yellow (31%)
- Blue (67%)



- Cyan (88%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1475AA 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 1475AA by changing the saturation by 10% instead.

■ 1475AA

■ 1475AA

FFFFFF

■ 005C8F

■ 5FA9E2

■ 004575

■ 7CC4FE

■ 002F5C

■ 9AE0FF

■ 001B45

■ B7FDFF

■ 00042E

■ D5FFFF

■ 000118

■ F3FFFF

■ 000000

■ 1475AA

■ 1475AA

■ 036FAA

■ 257BAA

■ 006EAA

■ 3681AA

■ 4787AA

■ 588DAA

■ 6993AA

■ 7A99AA

■ 8B9FAA

■ 9CA5AA

■ ADABAA

Harmonies

Analogous

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



007B9C



1475AA



606BA8

Triad

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



1475AA



A8565C



4A7A46

Complementary

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



1475AA



AA4914

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.



6D7333



1475AA



9F5E42

Square

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



1475AA



A2567B



8A6932



0F7D62

Rectangle

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



1475AA



7E639E



8A6932



57783E

Sweetspot

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



1475AA



A4C9DE



14AA49



4D6470



F0F0F0



707070

Same Dimension

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



1475AA



008FDE



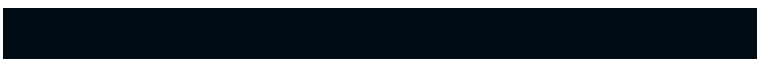
142AAA



4C5154



006094



000D14

Inverse Universe

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



AA1475



DE008F



AA9314



544C51



940060



14000D

Previews

White Background



This preview shows how the Hex color 1475AA looks on a white background.

Color Contrast Check

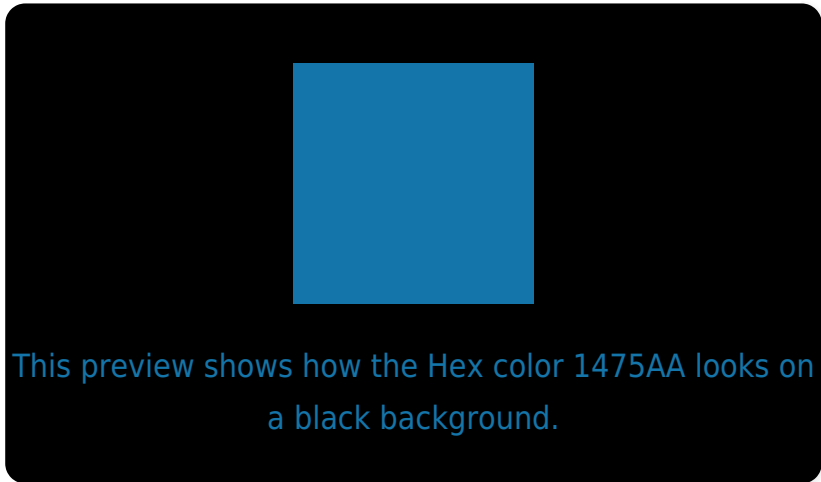
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 1475AA Background



This preview shows how black text looks on a background with the Hex color 1475AA.

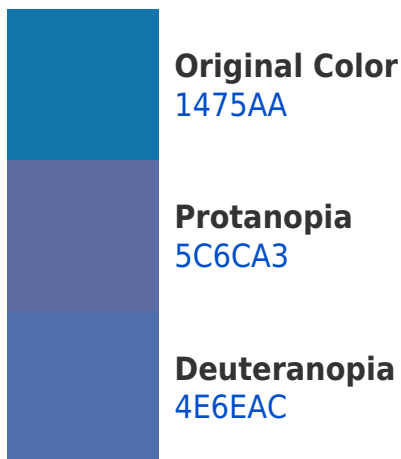


This preview shows how white text looks on a background with the Hex color 1475AA.

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](#).

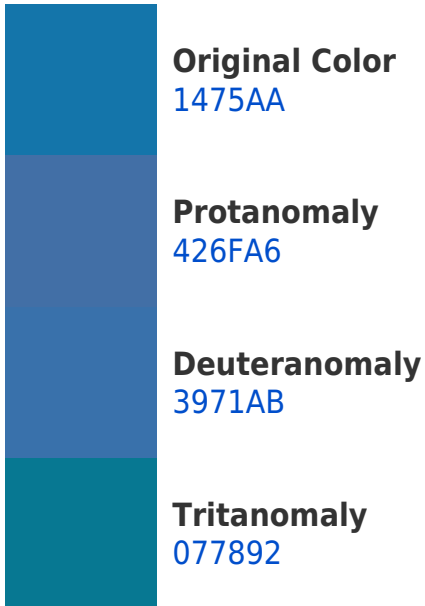
Dichromacy



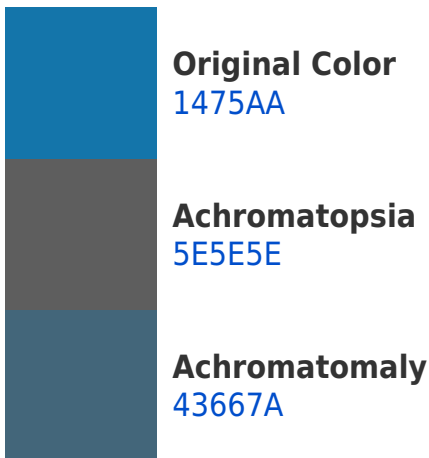


Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1475AA 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 #1475AA looks like.

```
.text, #text, p{  
    color:#1475AA  
}
```

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 #1475AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1475AA
}
```

Border

The CSS property to change the border of an element to Hex 1475AA 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
#1475AA }
```

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

```
.border{ border-color:#1475AA }
```

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

Here you see how a box with a 4 pixel #1475AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1475AA; -webkit-box-shadow:4px 4px  
4px 4px #1475AA; box-shadow:4px 4px 4px  
4px #1475AA }
```

Background

The CSS property to change the background color of an element to Hex 1475AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1475AA }
```

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

```
.background{ background-color:#1475AA }
```

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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