

Converting Colors

Hex(1775AE)

Have a look what the booklet for
Hex(1775AE) contains.

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Color

Hex(1775AE)

Conversions

Conversions Part 1

Format	Color
Hex	1775AE
RGB	23, 117, 174
RGB Percent	9%, 46%, 68%
CMY	0.9098, 0.5412, 0.3176
CMYK	0.87, 0.33, 0.00, 0.32
HSL	203°, 77%, 39%
HSV	203°, 87%, 68%
XYZ	14.3546, 15.9607, 42.3686
YIQ	95.3920, -74.3210, -2.2010

Conversions

Conversions Part 2

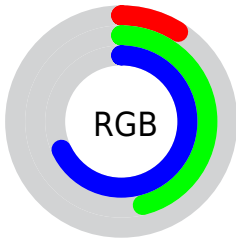
Format	Color
RYB	23, 81, 174
Decimal	1537454
CIELab	46.92, -4.95, -37.53
CIELCh	47, 37.850, 262.485
Yxy	15.9607, 0.1975, 0.2196
Android (android.graphics.Color)	4279727534 (0xFF1775AE)
YUV	95.3920, 38.7537, -63.4878
Hunter-Lab	39.9509, -5.7778, -34.9124

Details

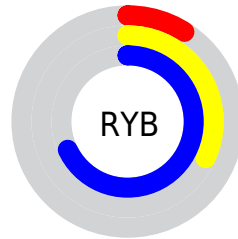
The Hex color **1775AE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AE5017**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **61A9E6**, and **004579** is the 20% darker color. If you saturate the color by 10%, you get **066EAE**, and if you desaturate by 10%, it is **287CAE**.

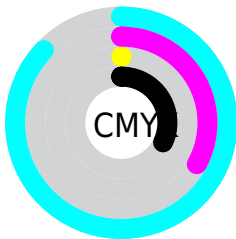
Distribution



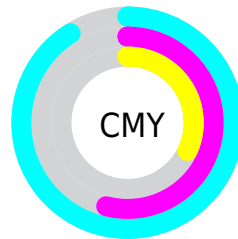
- Red (9%)
- Green (46%)
- Blue (68%)



- Red (9%)
- Yellow (32%)
- Blue (68%)



- Cyan (87%)
- Magenta (33%)
- Yellow (0%)
- Black (32%)



- Cyan (91%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1775AE 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 1775AE by changing the saturation by 10% instead.

■ 1775AE

■ 1775AE

FFFFFF

■ 005D93

■ 61A9E6

■ 004579

■ 7FC4FF

■ 002F60

■ 9CE0FF

■ 001B48

■ B9FCFF

■ 000431

■ D7FFFF

■ 00011B

■ F5FFFF

■ 000000

■ 1775AE

■ 1775AE

■ 066EAE

■ 287CAE

006CAE

3A82AE

4B89AE

5D8FAE

6E96AE

7F9CAE

91A3AE

A2AAAE

B4B0AE

Harmonies

Analogous

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



007CA1



1775AE



656AAA

Triad

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



1775AE



AB5659



447B47

Complementary

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



1775AE



AE5017

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.



6A7532



1775AE



A05F3E

Square

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



1775AE



A65579



896B2E



007F66

Rectangle

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



1775AE



83629E



896B2E



527A3F

Sweetspot

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



1775AE



A8CDE3



17AE4E



4F6573



F2F2F2



737373

Same Dimension

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



1775AE



008DE3



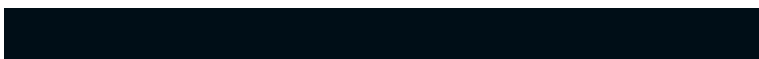
172BAE



4E5357



005E96



000E17

Inverse Universe

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



AE1775



E3008D



AE9A17



574E53



96005E



17000E

Previews

White Background



This preview shows how the Hex color 1775AE looks on a white background.

Color Contrast Check

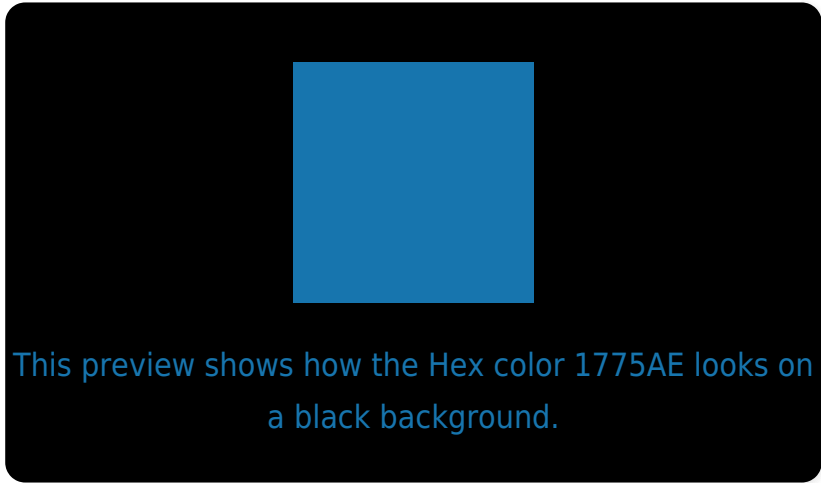
Large Text (above 18pt) WCAG AA ✓ Pass

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

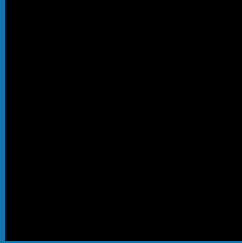
Any Text WCAG AA × Fail

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 1775AE Background



This preview shows how black text looks on a background with the Hex color 1775AE.

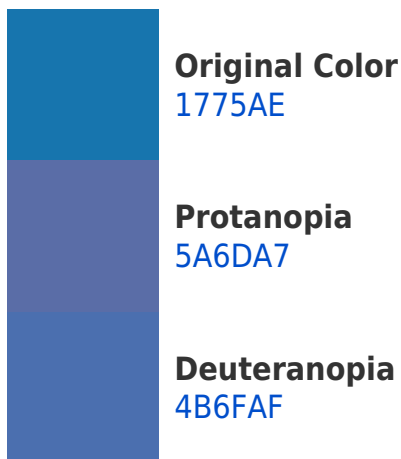


This preview shows how white text looks on a background with the Hex color 1775AE.

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](#).

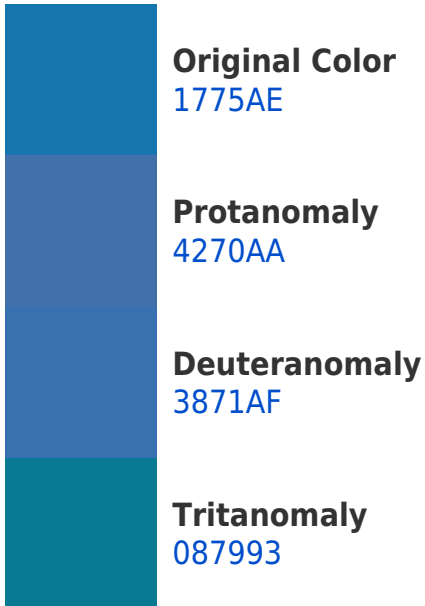
Dichromacy



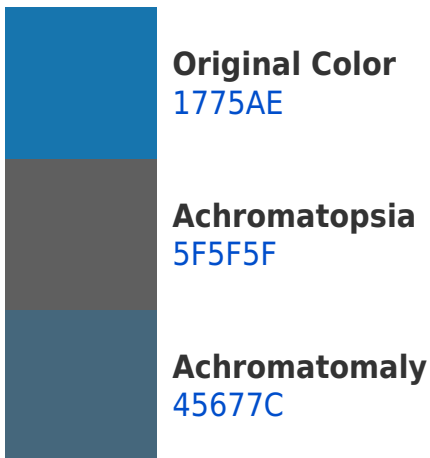


Tritanopia
007B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1775AE 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 #1775AE looks like.

```
.text, #text, p{  
    color:#1775AE  
}
```

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 #1775AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1775AE
}
```

Border

The CSS property to change the border of an element to Hex 1775AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

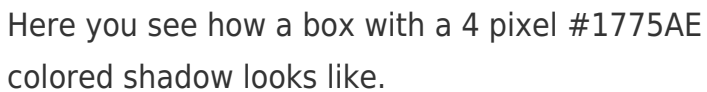
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1775AE }
```

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

```
.border{ border-color:#1775AE }
```

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



Here you see how a box with a 4 pixel #1775AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1775AE; -webkit-box-shadow:4px 4px  
4px 4px #1775AE; box-shadow:4px 4px 4px  
4px #1775AE }
```

Background

The CSS property to change the background color of an element to Hex 1775AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1775AE }
```

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

```
.background{ background-color:#1775AE }
```

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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