

Converting Colors

Hex(1A5577)

Have a look what the booklet for
Hex(1A5577) contains.

Hex(1A5577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A5577)

Conversions

Conversions Part 1

Format	Color
Hex	1A5577
RGB	26, 85, 119
RGB Percent	10%, 33%, 47%
CMY	0.8980, 0.6667, 0.5333
CMYK	0.78, 0.29, 0.00, 0.53
HSL	202°, 64%, 28%
HSV	202°, 78%, 47%
XYZ	7.0043, 8.0485, 18.6371
YIQ	71.2350, -46.0780, -1.9340

Conversions

Conversions Part 2

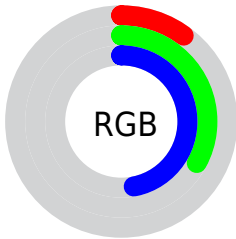
Format	Color
R_{YB}	26, 62, 119
Decimal	1725815
CIE _{Lab}	34.08, -6.25, -24.69
CIE _{LCh}	34, 25.474, 255.792
Yxy	8.0485, 0.2079, 0.2389
Android (android.graphics.Color)	4279915895 (0xFF1A5577)
YUV	71.2350, 23.5481, -39.6711
Hunter-Lab	28.3699, -5.5773, -19.0906




Details

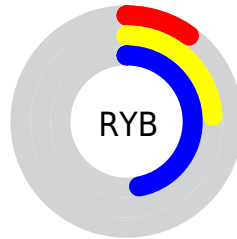
The Hex color **1A5577** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **773C1A**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **5587AB**, and **002846** is the 20% darker color. If you saturate the color by 10%, you get **0E5177**, and if you desaturate by 10%, it is **265977**.

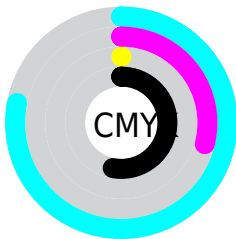
Distribution







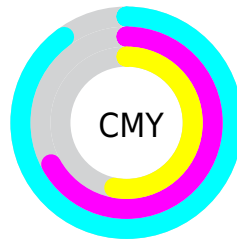
-  Red (10%)
-  Green (33%)
-  Blue (47%)






-  Red (10%)
-  Yellow (24%)
-  Blue (47%)



-  Cyan (78%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (90%)
-  Magenta (67%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A5577 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 1A5577 by changing the saturation by 10% instead.

■ 1A5577

■ 1A5577

FFFFFF

■ 003E5E

■ 5587AB

■ 002846

■ 70A1C7

■ 001430

■ 8BBCE3

■ 00011B

■ A7D7FF

■ 000000

■ C3F4FF

■ E0FFFF

■ F0FFFF

■ 1A5577

■ 1A5577

■ 0E5177

■ 265977

■ 024C77

■ 325E77

■ 004B77

■ 3E6277

■ 4A6677

■ 556B77

■ 616F77

■ 6D7377

■ 797877

■ 857C77

Harmonies

Analogous

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



00596D



1A5577



434E77

Triad

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



1A5577



774046



3C5733

Complementary

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



1A5577



773C1A

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.



525228



1A5577



724534

Square

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



1A5577



71415B



654C29



1F5A46

Rectangle

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



1A5577



574971



654C29



44562E

Sweetspot

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



1A5577



788E9C



1A773B



39474F



CFCFCF



4F4F4F

Same Dimension

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



1A5577



09669C



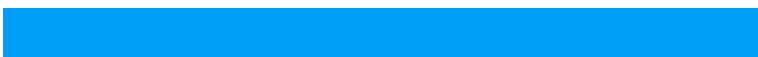
1A2877



35393B



004E7A



009FFA

Inverse Universe

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



771A55



9C0966



77691A



3B3539



7A004E



FA009F

Previews

White Background



This preview shows how the Hex color 1A5577 looks on a white background.

Color Contrast Check

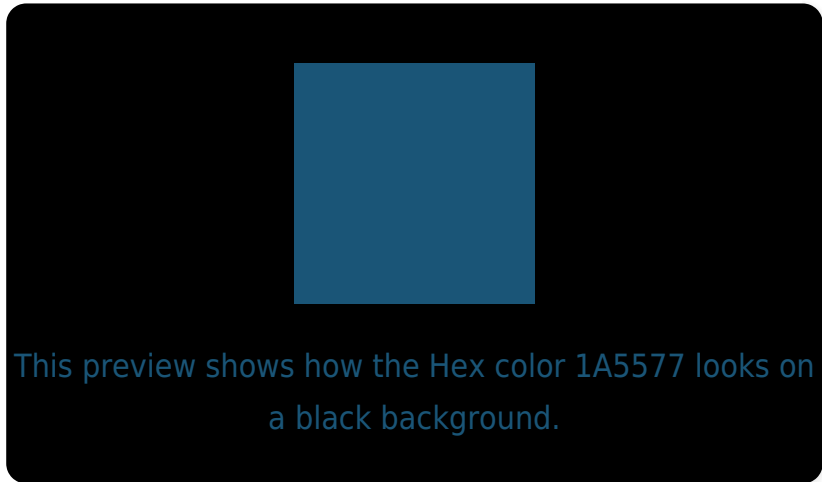
Large Text (above 18pt) WCAG AA ✓ Pass

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

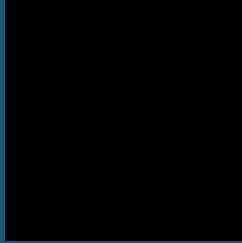
Any Text WCAG AA × Fail

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 1A5577 Background



This preview shows how black text looks on a background with the Hex color 1A5577.

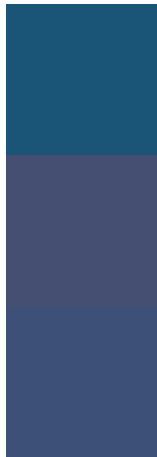


This preview shows how white text looks on a background with the Hex color 1A5577.

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

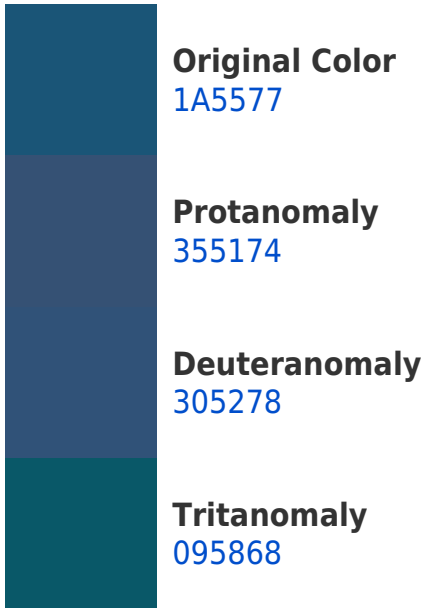


Original Color
1A5577

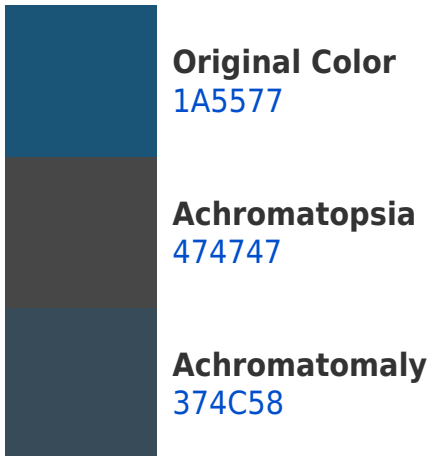
Protanopia
454F72

Deuteranopia
3D5078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A5577 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 #1A5577 looks like.

```
.text, #text, p{  
    color:#1A5577  
}
```

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 #1A5577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A5577
}
```

Border

The CSS property to change the border of an element to Hex 1A5577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

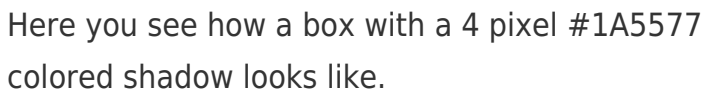
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A5577 }
```

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

```
.border{ border-color:#1A5577 }
```

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



Here you see how a box with a 4 pixel #1A5577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A5577; -webkit-box-shadow:4px 4px  
4px 4px #1A5577; box-shadow:4px 4px 4px  
4px #1A5577 }
```

Background

The CSS property to change the background color of an element to Hex 1A5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A5577 }
```

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

```
.background{ background-color:#1A5577 }
```

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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