

Converting Colors

Hex(1A3F77)

Have a look what the booklet for
Hex(1A3F77) contains.

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Color

Hex(1A3F77)

Conversions

Conversions Part 1

Format	Color
Hex	1A3F77
RGB	26, 63, 119
RGB Percent	10%, 25%, 47%
CMY	0.8980, 0.7529, 0.5333
CMYK	0.78, 0.47, 0.00, 0.53
HSL	216°, 64%, 28%
HSV	216°, 78%, 47%
XYZ	5.5333, 5.1065, 18.1468
YIQ	58.3210, -40.0280, 9.5720

Conversions

Conversions Part 2

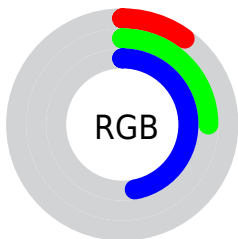
Format	Color
R _Y B	26, 52, 119
Decimal	1720183
CIE Lab	27.04, 8.28, -35.86
CIE LCh	27, 36.807, 283.006
Yxy	5.1065, 0.1922, 0.1774
Android (android.graphics.Color)	4279910263 (0xFF1A3F77)
YUV	58.3210, 29.9147, -28.3455
Hunter-Lab	22.5976, 4.1618, -31.7938

Details

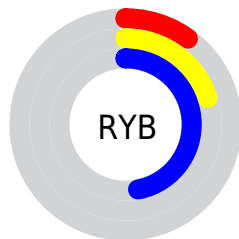
The Hex color **1A3F77** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **77521A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **546EAC**, and **001646** is the 20% darker color. If you saturate the color by 10%, you get **0E3877**, and if you desaturate by 10%, it is **264677**.

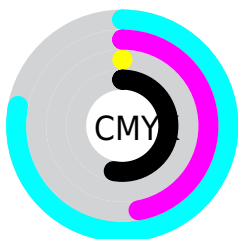
Distribution



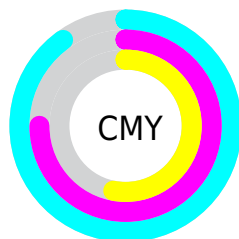
- Red (10%)
- Green (25%)
- Blue (47%)



- Red (10%)
- Yellow (20%)
- Blue (47%)



- Cyan (78%)
- Magenta (47%)
- Yellow (0%)
- Black (53%)



- Cyan (90%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3F77 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 1A3F77 by changing the saturation by 10% instead.

■ 1A3F77

■ 1A3F77

FFFFFF

■ 00295E

■ 546EAC

■ 001646

■ 6F87C7

■ 00042F

■ 8BA1E3

■ 000119

■ A6BCFF

■ 000000

■ C3D8FF

■ E0F4FF

■ FDFFFF

■ 1A3F77

■ 1A3F77

■ 0E3877

■ 264677

■ 023177

■ 324D77

■ 002F77

■ 3E5477

■ 4A5C77

■ 556377

■ 616A77

■ 6D7177

■ 797877

■ 857F77

Harmonies

Analogous

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



004776



1A3F77



513369

Triad

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



1A3F77



6C2D1B



004C2E

Complementary

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



1A3F77



77521A

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.



224913



1A3F77



5B3904

Square

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



1A3F77



722435



424200



004D4C

Rectangle

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



1A3F77



642A5A



424200



004B25

Sweetspot

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



1A3F77



78869C



1A7752



39424F



CFCFCF



4F4F4F

Same Dimension

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



1A3F77



09449C



231A77



35373B



00317A



0063FA

Inverse Universe

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



771A3F



9C0944



6E771A



3B3537



7A0031



FA0063

Previews

White Background



This preview shows how the Hex color 1A3F77 looks on a white background.

Color Contrast Check

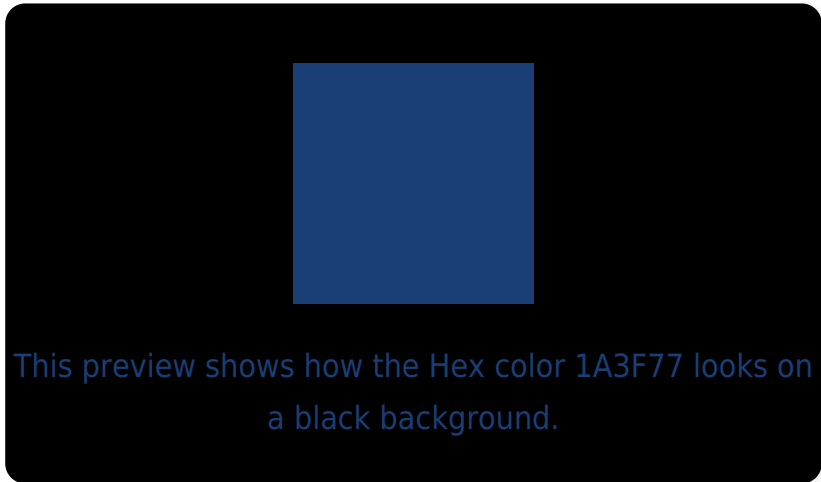
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A3F77 Background



This preview shows how black text looks on a background with the Hex color 1A3F77.



This preview shows how white text looks on a background with the Hex color 1A3F77.

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
1A3F77

Protanopia
233E76

Deuteranopia
004173



Tritanopia
00474C

Trichromacy



Original Color
1A3F77

Protanomaly
203E76

Deuteranomaly
094074

Tritanomaly
09445C

Monochromacy



Original Color
1A3F77

Achromatopsia
3A3A3A

Achromatomaly
2E3C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3F77 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 #1A3F77 looks like.

```
.text, #text, p{  
    color:#1A3F77  
}
```

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 #1A3F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3F77
}
```

Border

The CSS property to change the border of an element to Hex 1A3F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

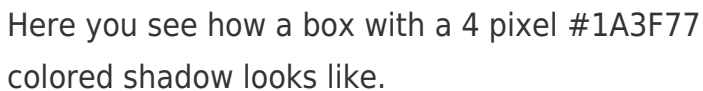
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A3F77 }
```

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

```
.border{ border-color:#1A3F77 }
```

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



Here you see how a box with a 4 pixel #1A3F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3F77; -webkit-box-shadow:4px 4px  
4px 4px #1A3F77; box-shadow:4px 4px 4px  
4px #1A3F77 }
```

Background

The CSS property to change the background color of an element to Hex 1A3F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3F77 }
```

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

```
.background{ background-color:#1A3F77 }
```

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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