

Converting Colors

Hex(1A3F7F)

Have a look what the booklet for
Hex(1A3F7F) contains.

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Color

Hex(1A3F7F)

Conversions

Conversions Part 1

Format	Color
Hex	1A3F7F
RGB	26, 63, 127
RGB Percent	10%, 25%, 50%
CMY	0.8980, 0.7529, 0.5020
CMYK	0.80, 0.50, 0.00, 0.50
HSL	218°, 66%, 30%
HSV	218°, 80%, 50%
XYZ	6.0343, 5.3069, 20.7850
YIQ	59.2330, -42.5960, 12.0600

Conversions

Conversions Part 2

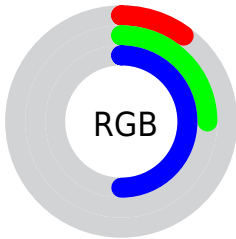
Format	Color
R_{YB}	26, 53, 127
Decimal	1720191
CIE _{Lab}	27.59, 11.57, -40.00
CIE _{LCh}	28, 41.639, 286.131
Yxy	5.3069, 0.1878, 0.1652
Android (android.graphics.Color)	4279910271 (0xFF1A3F7F)
YUV	59.2330, 33.4091, -29.1453
Hunter-Lab	23.0368, 6.4421, -37.3688




Details

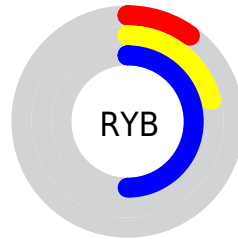
The Hex color **1A3F7F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F5A1A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **566EB4**, and **00164D** is the 20% darker color. If you saturate the color by 10%, you get **0D377F**, and if you desaturate by 10%, it is **27477F**.

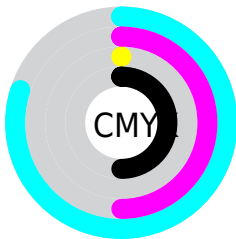
Distribution







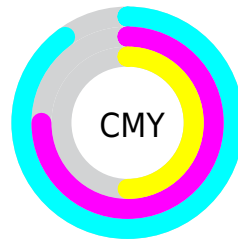
-  Red (10%)
-  Green (25%)
-  Blue (50%)






-  Red (10%)
-  Yellow (21%)
-  Blue (50%)



-  Cyan (80%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (90%)
-  Magenta (75%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3F7F 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 1A3F7F by changing the saturation by 10% instead.

■ 1A3F7F

■ 1A3F7F

FFFFFF

■ 002A66

■ 566EB4

■ 00164D

■ 7287D0

■ 000436

■ 8DA1ED

■ 000220

■ AABCFF

■ 000003

■ C6D8FF

■ 000000

■ E3F4FF

■ 1A3F7F

■ 1A3F7F

■ 0D377F

■ 27477F

■ 012F7F

■ 334F7F

■ 002F7F

■ 40577F

■ 4D5F7F

■ 59677F

■ 666F7F

■ 73777F

■ 807F7F

■ 8C877F

Harmonies

Analogous

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



00497F



1A3F7F



58306E

Triad

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



1A3F7F



702C13



004F31

Complementary

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



1A3F7F



7F5A1A

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.



174B10



1A3F7F



5C3A00

Square

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



1A3F7F



791F31



404500



005052

Rectangle

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



1A3F7F



6C255C



404500



004E26

Sweetspot

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



1A3F7F



7E8DA6



1A7F5A



3C4554



D4D4D4



545454

Same Dimension

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



1A3F7F



0842A6



271A7F



393C40



002F80



000000

Inverse Universe

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



7F1A3F



A60842



727F1A



40393C



80002F



000000

Previews

White Background



This preview shows how the Hex color 1A3F7F looks on a white background.

Color Contrast Check

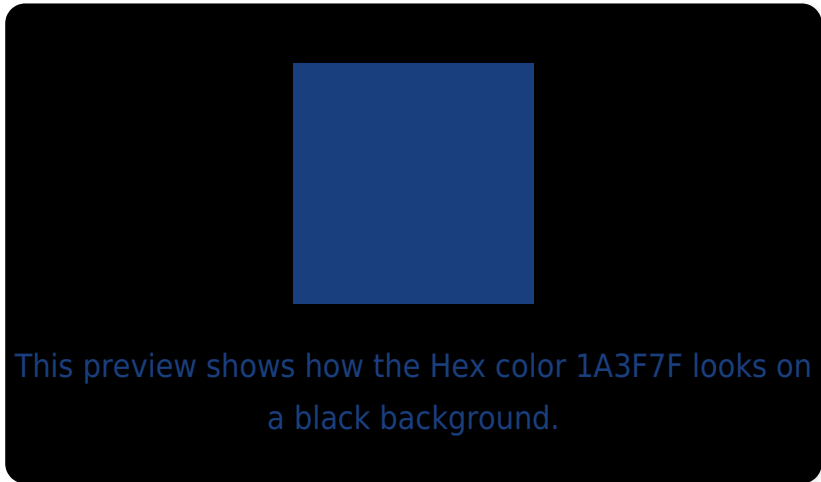
Large Text (above 18pt) WCAG AA ✓ Pass

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

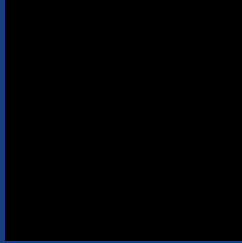
Any Text WCAG AA × Fail

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 1A3F7F Background



This preview shows how black text looks on a background with the Hex color 1A3F7F.



This preview shows how white text looks on a background with the Hex color 1A3F7F.

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
1A3F7F

Protanopia
1A3F7F

Deuteranopia
004374



Tritanopia
00484D

Trichromacy



Original Color
1A3F7F

Protanomaly
1A3F7F

Deuteranomaly
094278

Tritanomaly
09455F

Monochromacy



Original Color
1A3F7F

Achromatopsia
3B3B3B

Achromatomaly
2F3C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3F7F 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 #1A3F7F looks like.

```
.text, #text, p{  
    color:#1A3F7F  
}
```

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 #1A3F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3F7F
}
```

Border

The CSS property to change the border of an element to Hex 1A3F7F 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
#1A3F7F }
```

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

```
.border{ border-color:#1A3F7F }
```

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

Here you see how a box with a 4 pixel #1A3F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3F7F; -webkit-box-shadow:4px 4px  
4px 4px #1A3F7F; box-shadow:4px 4px 4px  
4px #1A3F7F }
```

Background

The CSS property to change the background color of an element to Hex 1A3F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3F7F }
```

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

```
.background{ background-color:#1A3F7F }
```

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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