

Converting Colors

Hex(1A3E78)

Have a look what the booklet for
Hex(1A3E78) contains.

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Color

Hex(1A3E78)

Conversions

Conversions Part 1

Format	Color
Hex	1A3E78
RGB	26, 62, 120
RGB Percent	10%, 24%, 47%
CMY	0.8980, 0.7569, 0.5294
CMYK	0.78, 0.48, 0.00, 0.53
HSL	217°, 64%, 29%
HSV	217°, 78%, 47%
XYZ	5.5388, 5.0209, 18.4465
YIQ	57.8480, -40.0740, 10.4060

Conversions

Conversions Part 2

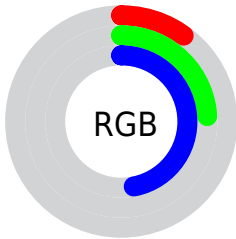
Format	Color
R_{YB}	26, 52, 120
Decimal	1719928
CIE Lab	26.79, 9.39, -36.88
CIE LCh	27, 38.059, 284.284
Yxy	5.0209, 0.1910, 0.1731
Android (android.graphics.Color)	4279910008 (0xFF1A3E78)
YUV	57.8480, 30.6409, -27.9307
Hunter-Lab	22.4074, 4.9096, -33.1242

Details

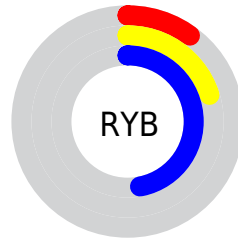
The Hex color **1A3E78** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **78541A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **556DAD**, and **001547** is the 20% darker color. If you saturate the color by 10%, you get **0E3778**, and if you desaturate by 10%, it is **264578**.

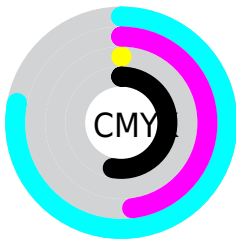
Distribution



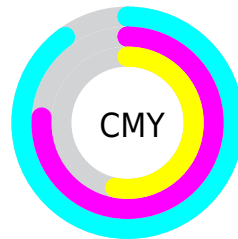
- Red (10%)
- Green (24%)
- Blue (47%)



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



- Cyan (78%)
- Magenta (48%)
- Yellow (0%)
- Black (53%)



- Cyan (90%)
- Magenta (76%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3E78 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 1A3E78 by changing the saturation by 10% instead.

■ 1A3E78

■ 1A3E78

FFFFFF

■ 00295F

■ 556DAD

■ 001547

■ 7086C8

■ 000430

■ 8BA0E5

■ 00011A

■ A7BBFF

■ 000000

■ C3D7FF

■ E0F3FF

■ FDFFFF

■ 1A3E78

■ 1A3E78

■ 0E3778

■ 264578

■ 022F78

■ 324D78

■ 002E78

■ 3E5478

■ 4A5C78

■ 566378

■ 626A78

■ 6E7278

■ 7A7978

■ 868178

Harmonies

Analogous

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



004777



1A3E78



523169

Triad

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



1A3E78



6C2C18



004C2F

Complementary

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



1A3E78



78541A

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.



1E4912



1A3E78



5A3800

Square

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



1A3E78



732233



404200



004D4D

Rectangle

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



1A3E78



652859



404200



004B25

Sweetspot

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



1A3E78



76859C



1A7854



38414F



CFCFCF



4F4F4F

Same Dimension

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



1A3E78



09419C



251A78



37393D



00307D



0061FC

Inverse Universe

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



781A3E



9C0941



6D781A



3D3739



7D0030



FC0061

Previews

White Background



This preview shows how the Hex color 1A3E78 looks on a white background.

Color Contrast Check

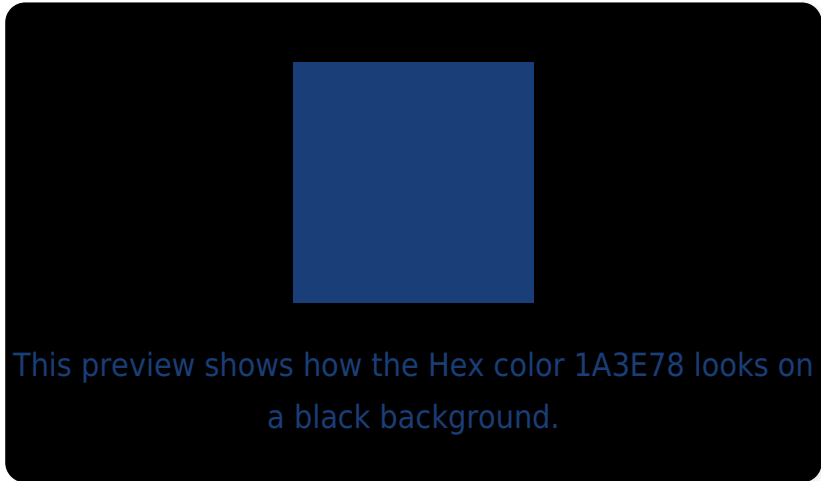
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A3E78 Background



This preview shows how black text looks on a background with the Hex color 1A3E78.



This preview shows how white text looks on a background with the Hex color 1A3E78.

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
1A3E78

Protanopia
203D77

Deuteranopia
004171



Tritanopia
00464B

Trichromacy



Original Color

1A3E78

Protanomaly

1E3D77

Deuteranomaly

094074

Tritanomaly

09435B

Monochromacy



Original Color

1A3E78

Achromatopsia

3A3A3A

Achromatomaly

2E3B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3E78 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 #1A3E78 looks like.

```
.text, #text, p{  
    color:#1A3E78  
}
```

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 #1A3E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3E78
}
```

Border

The CSS property to change the border of an element to Hex 1A3E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

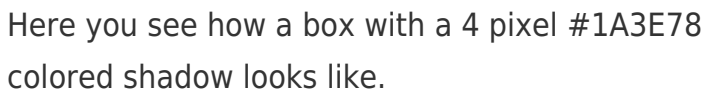
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A3E78 }
```

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

```
.border{ border-color:#1A3E78 }
```

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



Here you see how a box with a 4 pixel #1A3E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3E78; -webkit-box-shadow:4px 4px  
4px 4px #1A3E78; box-shadow:4px 4px 4px  
4px #1A3E78 }
```

Background

The CSS property to change the background color of an element to Hex 1A3E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3E78 }
```

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

```
.background{ background-color:#1A3E78 }
```

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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