

Converting Colors

Hex(164A7F)

Have a look what the booklet for
Hex(164A7F) contains.

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Color

Hex(164A7F)

Conversions

Conversions Part 1

Format	Color
Hex	164A7F
RGB	22, 74, 127
RGB Percent	9%, 29%, 50%
CMY	0.9137, 0.7098, 0.5020
CMYK	0.83, 0.42, 0.00, 0.50
HSL	210°, 70%, 29%
HSV	210°, 83%, 50%
XYZ	6.6104, 6.6004, 21.0043
YIQ	64.4940, -48.0050, 5.4590

Conversions

Conversions Part 2

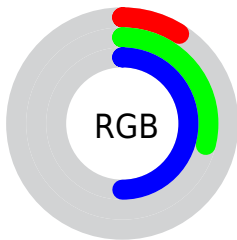
Format	Color
RYB	22, 57, 127
Decimal	1460863
CIELab	30.88, 3.55, -34.73
CIELCh	31, 34.916, 275.843
Yxy	6.6004, 0.1932, 0.1929
Android (android.graphics.Color)	4279650943 (0xFF164A7F)
YUV	64.4940, 30.8155, -37.2672
Hunter-Lab	25.6913, 0.9686, -30.4894

Details

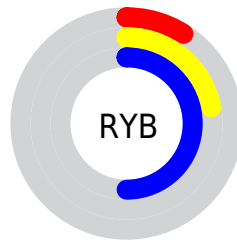
The Hex color **164A7F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F4B16**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **547AB4**, and **001F4D** is the 20% darker color. If you saturate the color by 10%, you get **09447F**, and if you desaturate by 10%, it is **23507F**.

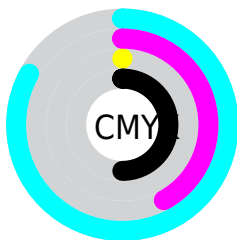
Distribution



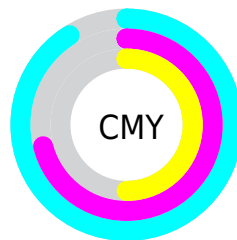
- Red (9%)
- Green (29%)
- Blue (50%)



- Red (9%)
- Yellow (22%)
- Blue (50%)



- Cyan (83%)
- Magenta (42%)
- Yellow (0%)
- Black (50%)



- Cyan (91%)
- Magenta (71%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164A7F 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 164A7F by changing the saturation by 10% instead.

■ 164A7F

■ 164A7F

FFFFFF

■ 003466

■ 547AB4

■ 001F4D

■ 7094D0

■ 000536

■ 8BAEEC

■ 000220

■ A7CAFF

■ 000004

■ C4E6FF

■ 000000

■ E1FFFF

■ FEFFFF

■ 164A7F

■ 164A7F

■ 09447F

■ 23507F

■ 003F7F

■ 2F577F

■ 3C5D7F

■ 49647F

■ 566A7F

■ 62707F

■ 6F777F

■ 7C7D7F

■ 88847F

Harmonies

Analogous

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



00517A



164A7F



513F75

Triad

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



164A7F



77352A



005431

Complementary

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



164A7F



7F4B16

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.



365019



164A7F



693F15

Square

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



164A7F



7A2F44



52490D



00564D

Rectangle

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



164A7F



663768



52490D



1B5329

Sweetspot

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



164A7F



7C91A6



167F4B



3B4754



D4D4D4



545454

Same Dimension

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



164A7F



0253A6



16167F



393D40



003F80



000000

Inverse Universe

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



7F164A



A60253



7F7F16



40393D



80003F



000000

Previews

White Background



This preview shows how the Hex color 164A7F looks on a white background.

Color Contrast Check

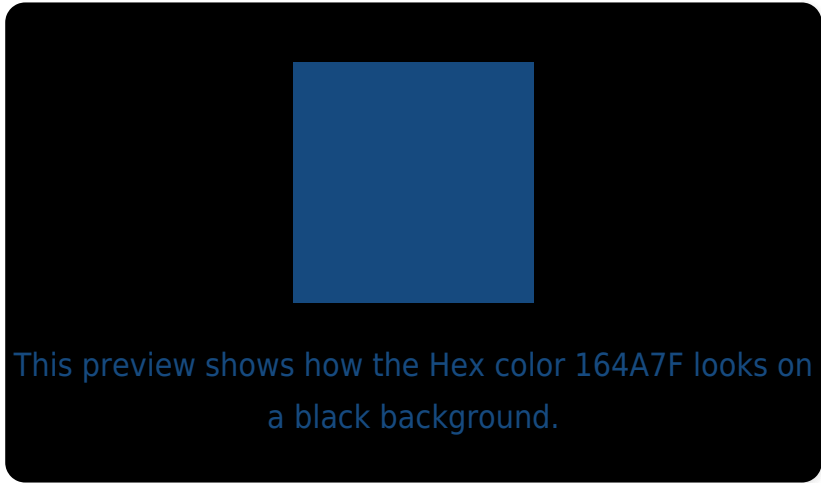
Large Text (above 18pt) WCAG AA ✓ Pass

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 164A7F Background



This preview shows how black text looks on a background with the Hex color 164A7F.



This preview shows how white text looks on a background with the Hex color 164A7F.

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

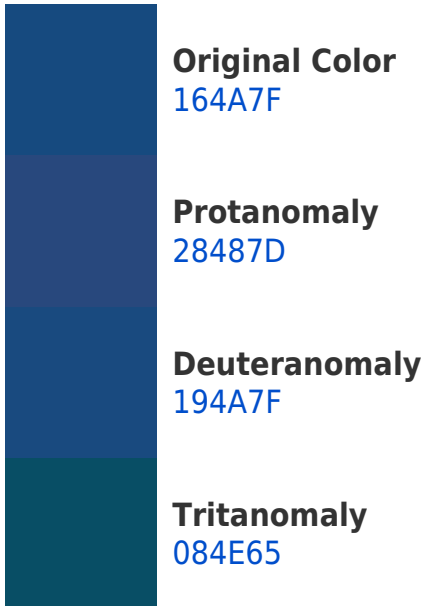


Original Color
164A7F

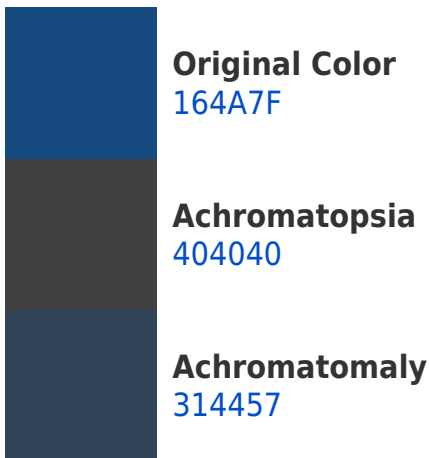
Protanopia
32477C

Deuteranopia
1B4A7F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 164A7F 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 #164A7F looks like.

```
.text, #text, p{  
    color:#164A7F  
}
```

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 #164A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164A7F
}
```

Border

The CSS property to change the border of an element to Hex 164A7F 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
#164A7F }
```

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

```
.border{ border-color:#164A7F }
```

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

Here you see how a box with a 4 pixel #164A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164A7F; -webkit-box-shadow:4px 4px  
4px 4px #164A7F; box-shadow:4px 4px 4px  
4px #164A7F }
```

Background

The CSS property to change the background color of an element to Hex 164A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164A7F }
```

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

```
.background{ background-color:#164A7F }
```

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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