

Converting Colors

Hex(162F7E)

Have a look what the booklet for
Hex(162F7E) contains.

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Color

Hex(162F7E)

Conversions

Conversions Part 1

Format	Color
Hex	162F7E
RGB	22, 47, 126
RGB Percent	9%, 18%, 49%
CMY	0.9137, 0.8157, 0.5059
CMYK	0.83, 0.63, 0.00, 0.51
HSL	226°, 70%, 29%
HSV	226°, 83%, 49%
XYZ	5.1133, 3.7100, 20.1853
YIQ	48.5310, -40.2590, 19.2690

Conversions

Conversions Part 2

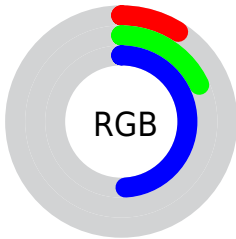
Format	Color
R_{YB}	22, 42, 126
Decimal	1453950
CIE _{Lab}	22.69, 21.99, -47.34
CIE _{LCh}	23, 52.194, 294.919
Yxy	3.7100, 0.1763, 0.1279
Android (android.graphics.Color)	4279644030 (0xFF162F7E)
YUV	48.5310, 38.1922, -23.2677
Hunter-Lab	19.2613, 13.6792, -48.6514

Details

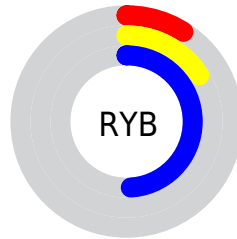
The Hex color **162F7E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7E6516**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **555DB4**, and **00024C** is the 20% darker color. If you saturate the color by 10%, you get **09257E**, and if you desaturate by 10%, it is **23397E**.

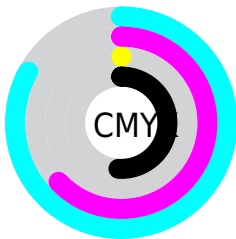
Distribution



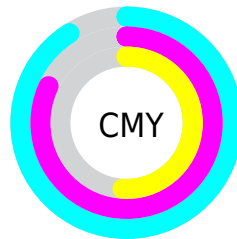
- Red (9%)
- Green (18%)
- Blue (49%)



- Red (9%)
- Yellow (16%)
- Blue (49%)



- Cyan (83%)
- Magenta (63%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (82%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162F7E 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 162F7E by changing the saturation by 10% instead.

■ 162F7E

■ 162F7E

FFFFFF

■ 001B64

■ 555DB4

■ 00024C

■ 7175CF

■ 000534

■ 8D8FEC

■ 00021E

■ A9A9FF

■ 000001

■ C6C4FF

■ 000000

■ E3E0FF

■ FFFDFF

■ 162F7E

■ 162F7E

■ 09257E

■ 23397E

■ 001E7E

■ 2F427E

■ 3C4C7E

■ 48557E

■ 555F7E

■ 62687E

■ 6E727E

■ 7B7C7E

■ 87857E

Harmonies

Analogous

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



003E85



162F7E



5C1464

Triad

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



162F7E



651F00



00452E

Complementary

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



162F7E



7E6516

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.



004300



162F7E



493300

Square

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



162F7E



750019



243D00



004656

Rectangle

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



162F7E



6F004B



243D00



004520

Sweetspot

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



162F7E



7A84A3



167E64



393F52



D1D1D1



525252

Same Dimension

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



162F7E



0228A3



30167E



393B40



001F80



000000

Inverse Universe

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



7E162F



A30228



647E16



40393B



80001F



000000

Previews

White Background



This preview shows how the Hex color 162F7E looks on a white background.

Color Contrast Check

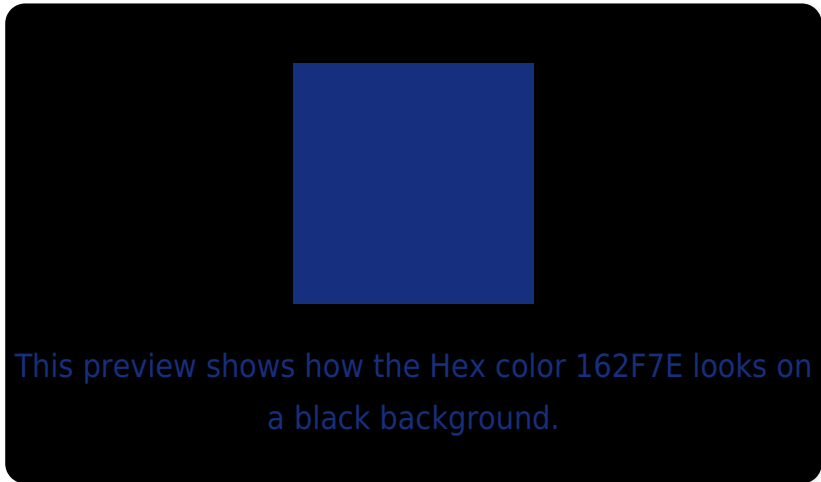
Large Text (above 18pt) WCAG AA ✓ Pass

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

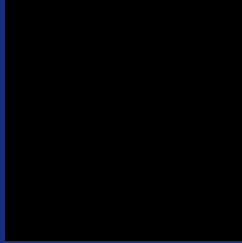
Any Text WCAG AA × Fail

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 162F7E Background



This preview shows how black text looks on a background with the Hex color 162F7E.



This preview shows how white text looks on a background with the Hex color 162F7E.

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
162F7E

Protanopia
00346F

Deuteranopia
00385F



Tritanopia
003C40

Trichromacy



Original Color
162F7E

Protanomaly
083274

Deuteranomaly
08356A

Tritanomaly
083757

Monochromacy



Original Color
162F7E

Achromatopsia
313131

Achromatomaly
27304D

CSS Examples

Text

The CSS property to change the color of the text to Hex 162F7E 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 #162F7E looks like.

```
.text, #text, p{  
    color:#162F7E  
}
```

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 #162F7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162F7E
}
```

Border

The CSS property to change the border of an element to Hex 162F7E 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
#162F7E }
```

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

```
.border{ border-color:#162F7E }
```

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

Here you see how a box with a 4 pixel #162F7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162F7E; -webkit-box-shadow:4px 4px  
4px 4px #162F7E; box-shadow:4px 4px 4px  
4px #162F7E }
```

Background

The CSS property to change the background color of an element to Hex 162F7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162F7E }
```

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

```
.background{ background-color:#162F7E }
```

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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