

Converting Colors

Hex(163E91)

Have a look what the booklet for
Hex(163E91) contains.

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Color

Hex(163E91)

Conversions

Conversions Part 1

Format	Color
Hex	163E91
RGB	22, 62, 145
RGB Percent	9%, 24%, 57%
CMY	0.9137, 0.7569, 0.4314
CMYK	0.85, 0.57, 0.00, 0.43
HSL	220°, 74%, 33%
HSV	220°, 85%, 57%
XYZ	7.1643, 5.6602, 27.5030
YIQ	59.5020, -50.4830, 17.3330

Conversions

Conversions Part 2

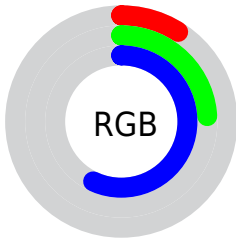
Format	Color
R _Y B	22, 52, 145
Decimal	1457809
CIE Lab	28.54, 19.24, -49.64
CIE LCh	29, 53.232, 291.183
Yxy	5.6602, 0.1777, 0.1404
Android (android.graphics.Color)	4279647889 (0xFF163E91)
YUV	59.5020, 42.1505, -32.8893
Hunter-Lab	23.7911, 12.1183, -51.8867

Details

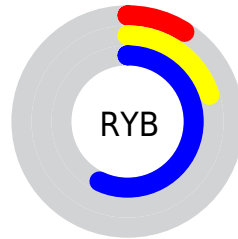
The Hex color **163E91** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **916916**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **596DC8**, and **00155E** is the 20% darker color. If you saturate the color by 10%, you get **083491**, and if you desaturate by 10%, it is **254891**.

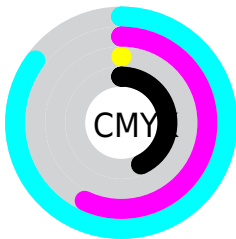
Distribution



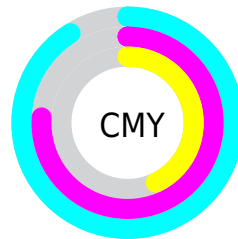
- Red (9%)
- Green (24%)
- Blue (57%)



- Red (9%)
- Yellow (20%)
- Blue (57%)



- Cyan (85%)
- Magenta (57%)
- Yellow (0%)
- Black (43%)



- Cyan (91%)
- Magenta (76%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163E91 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 163E91 by changing the saturation by 10% instead.

■ 163E91

■ 163E91

FFFFFF

■ 002977

■ 596DC8

■ 00155E

■ 7686E4

■ 000045

■ 93A0FF

■ 00042E

■ AFBBFF

■ 000118

■ CCD7FF

■ 000000

■ EAF3FF

■ 163E91

■ 163E91

■ 083491

■ 254891

■ 002F91

■ 335291

■ 425B91

■ 506591

■ 5F6F91

■ 6D7991

■ 7C8291

■ 8A8C91

■ 999691

Harmonies

Analogous

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



004C95



163E91



672778

Triad

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



163E91



792900



005435

Complementary

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



163E91



916916

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.



005106



163E91



5D3D00

Square

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



163E91



880B29



384A00



005560

Rectangle

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



163E91



7E125F



384A00



005327

Sweetspot

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



163E91



8E9DBD



169168



424B5E



DEDEDE



5E5E5E

Same Dimension

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



163E91



003DBD



2A1691



404347



002C87



000208

Inverse Universe

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



91163E



BD003D



7C9116



474043



87002C



080002

Previews

White Background



This preview shows how the Hex color 163E91 looks on a white background.

Color Contrast Check

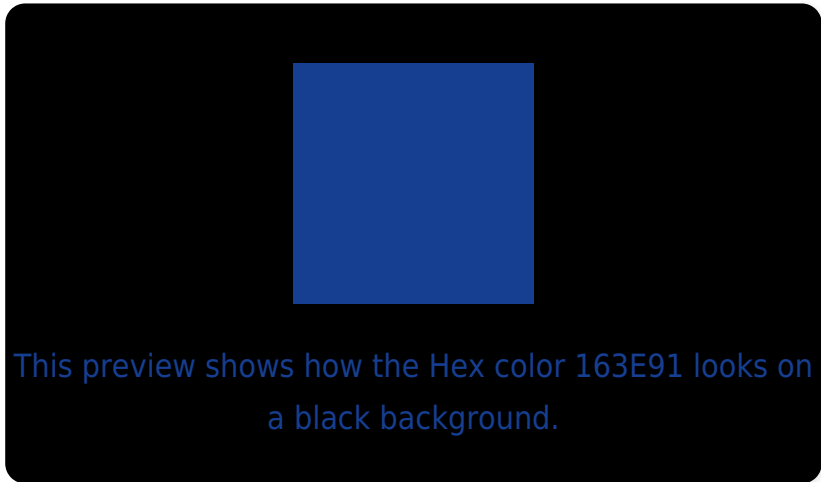
Large Text (above 18pt) WCAG AA ✓ Pass

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

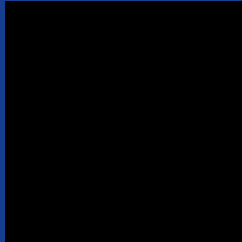
Any Text WCAG AA × Fail

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 163E91 Background



This preview shows how black text looks on a background with the Hex color 163E91.



This preview shows how white text looks on a background with the Hex color 163E91.

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
163E91

Protanopia
00418A

Deuteranopia
004576



Tritanopia
004B4F

Trichromacy



Original Color
163E91

Protanomaly
08408D

Deuteranomaly
084280

Tritanomaly
084667

Monochromacy



Original Color
163E91

Achromatopsia
3C3C3C

Achromatomaly
2E3D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 163E91 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 #163E91 looks like.

```
.text, #text, p{  
    color:#163E91  
}
```

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 #163E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163E91
}
```

Border

The CSS property to change the border of an element to Hex 163E91 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
#163E91 }
```

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

```
.border{ border-color:#163E91 }
```

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

Here you see how a box with a 4 pixel #163E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163E91; -webkit-box-shadow:4px 4px  
4px 4px #163E91; box-shadow:4px 4px 4px  
4px #163E91 }
```

Background

The CSS property to change the background color of an element to Hex 163E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163E91 }
```

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

```
.background{ background-color:#163E91 }
```

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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