

Converting Colors

Hex(163DB6)

Have a look what the booklet for
Hex(163DB6) contains.

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Color

Hex(163DB6)

Conversions

Conversions Part 1

Format	Color
Hex	163DB6
RGB	22, 61, 182
RGB Percent	9%, 24%, 71%
CMY	0.9137, 0.7608, 0.2863
CMYK	0.88, 0.66, 0.00, 0.29
HSL	225°, 78%, 40%
HSV	225°, 88%, 71%
XYZ	10.4431, 6.8855, 45.0346
YIQ	63.1330, -62.0850, 29.3630

Conversions

Conversions Part 2

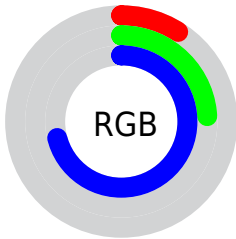
Format	Color
RYB	22, 53, 182
Decimal	1457590
CIELab	31.54, 34.54, -67.04
CIELCh	32, 75.417, 297.261
Yxy	6.8855, 0.1675, 0.1104
Android (android.graphics.Color)	4279647670 (0xFF163DB6)
YUV	63.1330, 58.6014, -36.0736
Hunter-Lab	26.2402, 25.1196, -83.3882

Details

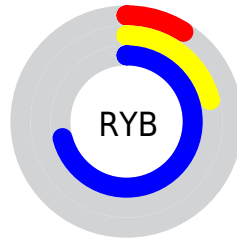
The Hex color **163DB6** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B68F16**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **646CEF**, and **001480** is the 20% darker color. If you saturate the color by 10%, you get **042FB6**, and if you desaturate by 10%, it is **284BB6**.

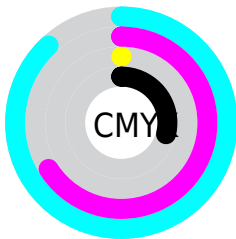
Distribution



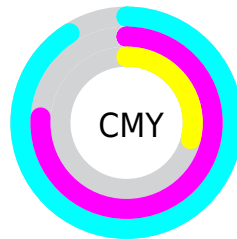
- Red (9%)
- Green (24%)
- Blue (71%)



- Red (9%)
- Yellow (21%)
- Blue (71%)



- Cyan (88%)
- Magenta (66%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (76%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163DB6 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 163DB6 by changing the saturation by 10% instead.

 163DB6

 163DB6

FFFFFF

 00279B

 646CEF

 001480

 8386FF

 000066

 A1A0FF

 000A4D

 BFBBFF

 000535

 DED6FF

 00021F

 FCF3FF

 000002

 000000

 163DB6

 163DB6

■ 042FB6

■ 284BB6

■ 002CB6

■ 3A59B6

■ 4D66B6

■ 5F74B6

■ 7182B6

■ 8390B6

■ 959DB6

■ A8ABB6

■ BAB9B6

Harmonies

Analogous

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



0055C4



163DB6



88008C

Triad

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



163DB6



8B2700



006043

Complementary

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



163DB6



B68F16

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.



005D00



163DB6



604700

Square

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



163DB6



A60019



225600



006180

Rectangle

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



163DB6



A20066



225600



005F2E

Sweetspot

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



163DB6



AFBFED



16B68E



535C78



F7F7F7



787878

Same Dimension

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



163DB6



003AED



3E16B6



53555C



00269C



00071C

Inverse Universe

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



B6163D



ED003A



8EB616



5C5355



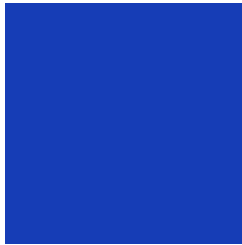
9C0026



1C0007

Previews

White Background



This preview shows how the Hex color 163DB6 looks on a white background.

Color Contrast Check

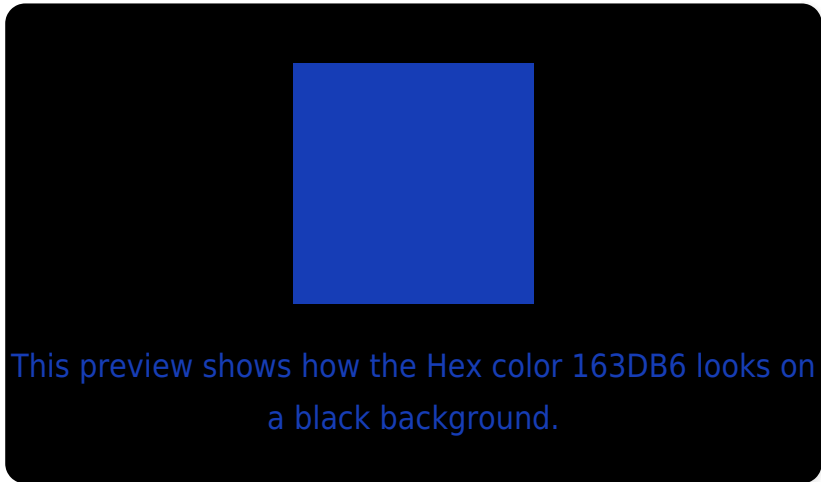
Large Text (above 18pt) WCAG AA ✓ Pass

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

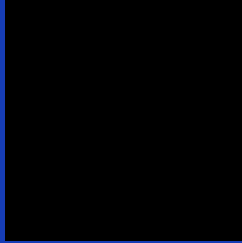
Any Text WCAG AA × Fail

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 163DB6 Background



This preview shows how black text looks on a background with the Hex color 163DB6.



This preview shows how white text looks on a background with the Hex color 163DB6.

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



Trichromacy



Original Color
163DB6

Protanomaly
0843A2

Deuteranomaly
084794

Tritanomaly
084A7A

Monochromacy



Original Color
163DB6

Achromatopsia
3F3F3F

Achromatomaly
303E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 163DB6 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 #163DB6 looks like.

```
.text, #text, p{  
    color:#163DB6  
}
```

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 #163DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163DB6
}
```

Border

The CSS property to change the border of an element to Hex 163DB6 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
#163DB6 }
```

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

```
.border{ border-color:#163DB6 }
```

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

Here you see how a box with a 4 pixel #163DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163DB6; -webkit-box-shadow:4px 4px  
4px 4px #163DB6; box-shadow:4px 4px 4px  
4px #163DB6 }
```

Background

The CSS property to change the background color of an element to Hex 163DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163DB6 }
```

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

```
.background{ background-color:#163DB6 }
```

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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