

Converting Colors

Hex(164DB7)

Have a look what the booklet for
Hex(164DB7) contains.

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Color

Hex(164DB7)

Conversions

Conversions Part 1

Format	Color
Hex	164DB7
RGB	22, 77, 183
RGB Percent	9%, 30%, 72%
CMY	0.9137, 0.6980, 0.2824
CMYK	0.88, 0.58, 0.00, 0.28
HSL	220°, 79%, 40%
HSV	220°, 88%, 72%
XYZ	11.5320, 8.8972, 45.9093
YIQ	72.6390, -66.8060, 21.3060

Conversions

Conversions Part 2

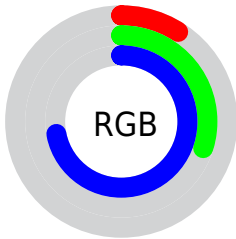
Format	Color
R_{YB}	22, 63, 183
Decimal	1461687
CIE _{Lab}	35.79, 24.31, -60.69
CIE _{LCh}	36, 65.376, 291.834
Yxy	8.8972, 0.1738, 0.1341
Android (android.graphics.Color)	4279651767 (0xFF164DB7)
YUV	72.6390, 54.4080, -44.4104
Hunter-Lab	29.8282, 16.8112, -70.3748

Details

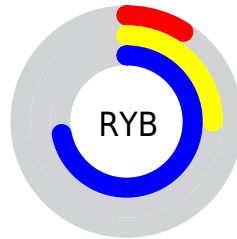
The Hex color **164DB7** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B78016**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **637DF0**, and **002281** is the 20% darker color. If you saturate the color by 10%, you get **0441B7**, and if you desaturate by 10%, it is **2859B7**.

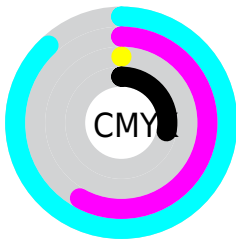
Distribution



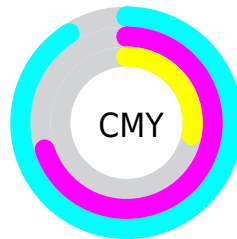
- Red (9%)
- Green (30%)
- Blue (72%)



- Red (9%)
- Yellow (25%)
- Blue (72%)



- Cyan (88%)
- Magenta (58%)
- Yellow (0%)
- Black (28%)



- Cyan (91%)
- Magenta (70%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164DB7 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 164DB7 by changing the saturation by 10% instead.

■ 164DB7

■ 164DB7

FFFFFF

■ 00379C

■ 637DF0

■ 002281

■ 8297FF

■ 001067

■ A0B2FF

■ 00054E

■ BECDFF

■ 000536

■ DCE9FF

■ 000220

■ FAFFFF

■ 000004

■ 000000

■ 164DB7

■ 164DB7

■ 0441B7

■ 2859B7

■ 003FB7

■ 3B65B7

■ 4D71B7

■ 5F7DB7

■ 7189B7

■ 8495B7

■ 96A1B7

■ A8ADB7

■ BBB9B7

Harmonies

Analogous

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



005FBD



164DB7



832D96

Triad

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



164DB7



973200



006944

Complementary

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



164DB7



B78016

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.



006503



164DB7



734D00

Square

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



164DB7



AB0031



435D00



006A7A

Rectangle

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



164DB7



9F0B76



435D00



006831

Sweetspot

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



164DB7



AFC5ED



16B77F



535F78



F7F7F7



787878

Same Dimension

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



164DB7



0051ED



2E16B7



53565C



00359C



000A1C

Inverse Universe

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



B7164D



ED0051



9FB716



5C5356



9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 164DB7 looks on a white background.

Color Contrast Check

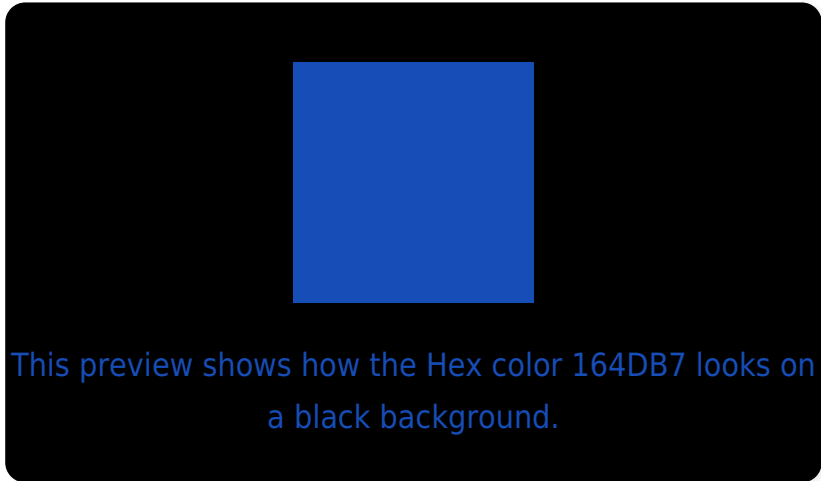
Large Text (above 18pt) WCAG AA ✓ Pass

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

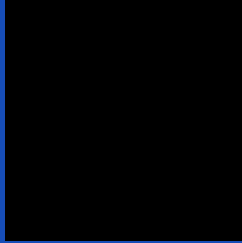
Any Text WCAG AA × Fail

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 164DB7 Background



This preview shows how black text looks on a background with the Hex color 164DB7.

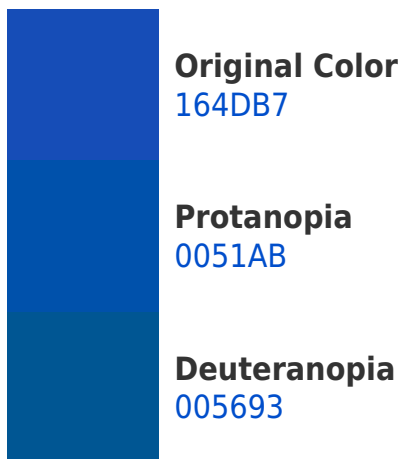


This preview shows how white text looks on a background with the Hex color 164DB7.

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





Tritanopia
005D63

Trichromacy



Original Color
164DB7

Protanomaly
0850AF

Deuteranomaly
0853A0

Tritanomaly
085782

Monochromacy



Original Color
164DB7

Achromatopsia
494949

Achromatomaly
364A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 164DB7 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 #164DB7 looks like.

```
.text, #text, p{  
    color:#164DB7  
}
```

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 #164DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164DB7
}
```

Border

The CSS property to change the border of an element to Hex 164DB7 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
#164DB7 }
```

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

```
.border{ border-color:#164DB7 }
```

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

Here you see how a box with a 4 pixel #164DB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164DB7; -webkit-box-shadow:4px 4px  
4px 4px #164DB7; box-shadow:4px 4px 4px  
4px #164DB7 }
```

Background

The CSS property to change the background color of an element to Hex 164DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164DB7 }
```

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

```
.background{ background-color:#164DB7 }
```

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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