

Converting Colors

Hex(1E6DB7)

Have a look what the booklet for
Hex(1E6DB7) contains.

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Color

Hex(1E6DB7)

Conversions

Conversions Part 1

Format	Color
Hex	1E6DB7
RGB	30, 109, 183
RGB Percent	12%, 43%, 72%
CMY	0.8824, 0.5725, 0.2824
CMYK	0.84, 0.40, 0.00, 0.28
HSL	209°, 72%, 42%
HSV	209°, 84%, 72%
XYZ	14.5513, 14.6322, 46.8571
YIQ	93.8150, -70.8380, 6.2660

Conversions

Conversions Part 2

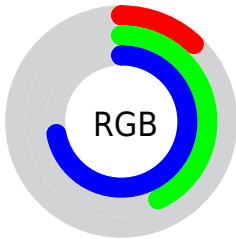
Format	Color
R_{YB}	30, 82, 183
Decimal	1994167
CIE _{Lab}	45.13, 4.00, -45.61
CIE _{LCh}	45, 45.782, 275.018
Yxy	14.6322, 0.1914, 0.1924
Android (android.graphics.Color)	4280184247 (0xFF1E6DB7)
YUV	93.8150, 43.9682, -55.9658
Hunter-Lab	38.2521, 0.9613, -45.8512

Details

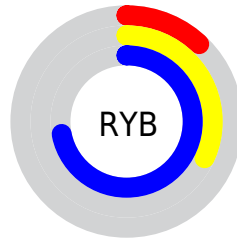
The Hex color **1E6DB7** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B7681E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **65A0EF**, and **003E81** is the 20% darker color. If you saturate the color by 10%, you get **0C64B7**, and if you desaturate by 10%, it is **3076B7**.

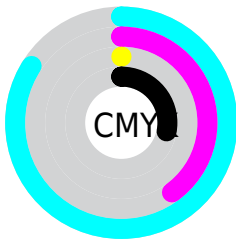
Distribution



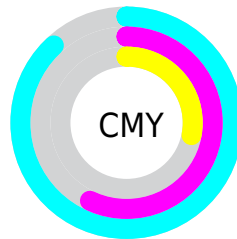
- Red (12%)
- Green (43%)
- Blue (72%)



- Red (12%)
- Yellow (32%)
- Blue (72%)



- Cyan (84%)
- Magenta (40%)
- Yellow (0%)
- Black (28%)



- Cyan (88%)
- Magenta (57%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6DB7 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 1E6DB7 by changing the saturation by 10% instead.

■ 1E6DB7

■ 1E6DB7

FFFFFF

■ 00559C

■ 65A0EF

■ 003E81

■ 83BBFF

■ 002968

■ A1D6FF

■ 00154F

■ BFF3FF

■ 000538

■ DDFFFF

■ 000221

■ FBFFFF

■ 000007

■ 000000

■ 1E6DB7

■ 1E6DB7

■ 0C64B7

■ 3076B7

■ 005EB7

■ 437FB7

■ 5588B7

■ 6790B7

■ 7A99B7

■ 8CA2B7

■ 9EABB7

■ B0B4B7

■ C3BDB7

Harmonies

Analogous

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



0077B0



1E6DB7



755EAA

Triad

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



1E6DB7



AC4E41



047B49

Complementary

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



1E6DB7



B7681E

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.



517528



1E6DB7



985D24

Square

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



1E6DB7



B04766



796B16



007D70

Rectangle

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



1E6DB7



935397



796B16



2D793D

Sweetspot

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



1E6DB7



B2D0ED



1EB768



546678



F7F7F7



787878

Same Dimension

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



1E6DB7



007AED



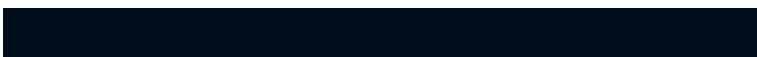
1E21B7



53575C



00509C



000E1C

Inverse Universe

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



B71E6D



ED007A



B7B41E



5C5357



9C0050



1C000E

Previews

White Background



This preview shows how the Hex color 1E6DB7 looks on a white background.

Color Contrast Check

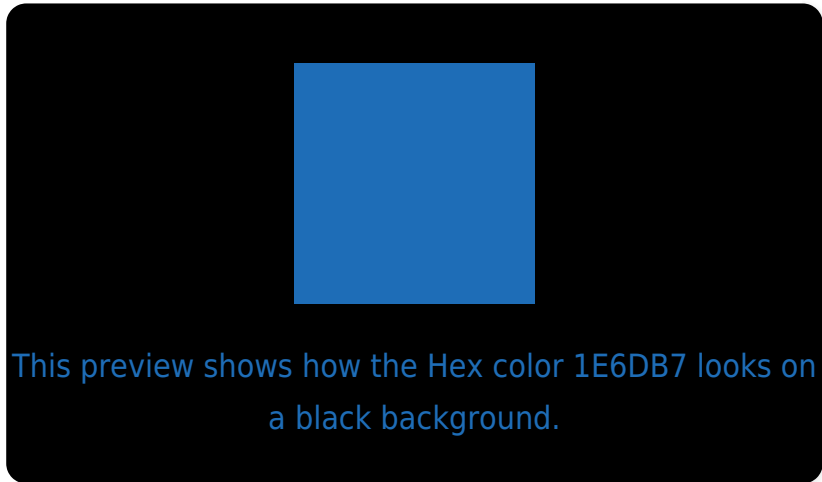
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

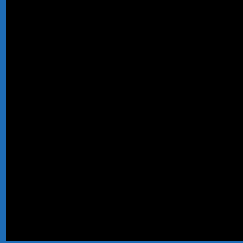
Any Text WCAG AA × Fail

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 1E6DB7 Background



This preview shows how black text looks on a background with the Hex color 1E6DB7.

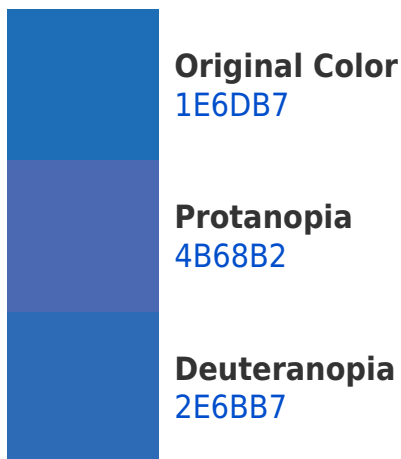


This preview shows how white text looks on a background with the Hex color 1E6DB7.

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](#).

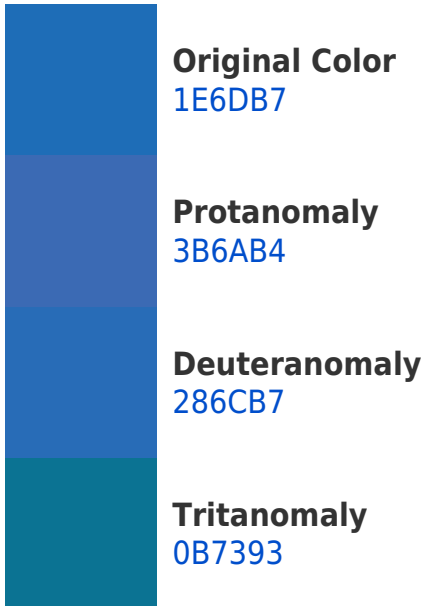
Dichromacy





Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6DB7 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 #1E6DB7 looks like.

```
.text, #text, p{  
    color:#1E6DB7  
}
```

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 #1E6DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6DB7
}
```

Border

The CSS property to change the border of an element to Hex 1E6DB7 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
#1E6DB7 }
```

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

```
.border{ border-color:#1E6DB7 }
```

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

Here you see how a box with a 4 pixel #1E6DB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6DB7; -webkit-box-shadow:4px 4px  
4px 4px #1E6DB7; box-shadow:4px 4px 4px  
4px #1E6DB7 }
```

Background

The CSS property to change the background color of an element to Hex 1E6DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6DB7 }
```

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

```
.background{ background-color:#1E6DB7 }
```

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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