

Converting Colors

Hex(1E6CD1)

Have a look what the booklet for
Hex(1E6CD1) contains.

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Color

Hex(1E6CD1)

Conversions

Conversions Part 1

Format	Color
Hex	1E6CD1
RGB	30, 108, 209
RGB Percent	12%, 42%, 82%
CMY	0.8824, 0.5765, 0.1804
CMYK	0.86, 0.48, 0.00, 0.18
HSL	214°, 75%, 47%
HSV	214°, 86%, 82%
XYZ	17.4066, 15.6046, 62.4162
YIQ	96.1920, -78.9090, 14.8750

Conversions

Conversions Part 2

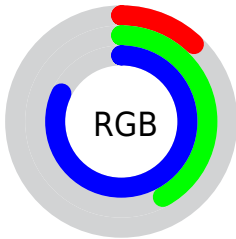
Format	Color
R_{YB}	30, 84, 209
Decimal	1993937
CIE _{Lab}	46.45, 14.75, -58.47
CIE _{LCh}	46, 60.299, 284.163
Yxy	15.6046, 0.1824, 0.1635
Android (android.graphics.Color)	4280184017 (0xFF1E6CD1)
YUV	96.1920, 55.6143, -58.0504
Hunter-Lab	39.5026, 9.5253, -66.0293

Details

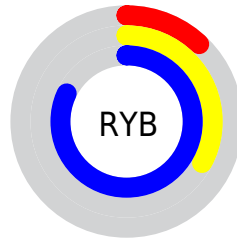
The Hex color **1E6CD1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D1831E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6C9FFF**, and **003E9A** is the 20% darker color. If you saturate the color by 10%, you get **0960D1**, and if you desaturate by 10%, it is **3378D1**.

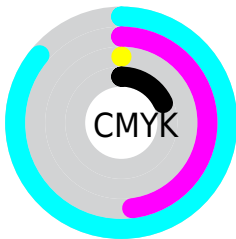
Distribution



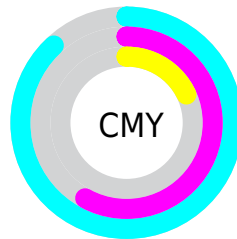
- Red (12%)
- Green (42%)
- Blue (82%)



- Red (12%)
- Yellow (33%)
- Blue (82%)



- Cyan (86%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (88%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E6CD1 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 1E6CD1 by changing the saturation by 10% instead.

■ 1E6CD1

■ 1E6CD1

FFFFFF

■ 0054B5

■ 6C9FFF

■ 003E9A

■ 8BBAFF

■ 00297F

■ AAD5FF

■ 001765

■ C8F1FF

■ 000A4D

■ E7FFFF

■ 000535

■ 00021F

■ 000002

■ 000000

■ 1E6CD1

■ 1E6CD1

■ 0960D1

■ 3378D1

■ 005BD1

■ 4884D1

■ 5D8FD1

■ 729BD1

■ 87A7D1

■ 9BB3D1

■ B0BFD1

■ C5CAD1

■ DAD6D1

Harmonies

Analogous

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



007BD0



1E6CD1



8E55B7

Triad

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



1E6CD1



BA4B29



008351

Complementary

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



1E6CD1



D1831E

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.



317E1C



1E6CD1



9B6200

Square

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



1E6CD1



C73758



6F7300



008585

Rectangle

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



1E6CD1



AF449B



6F7300



00823F

Sweetspot

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



1E6CD1



BDDAFF



1ED180



586980



000000



808080

Same Dimension

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



1E6CD1



006FFF



271ED1



5E6369



0049A8



001229

Inverse Universe

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



D11E6C



FF006F



C8D11E



695E63



A80049



290012

Previews

White Background



This preview shows how the Hex color 1E6CD1 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



This preview shows how the Hex color 1E6CD1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

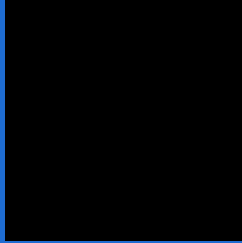
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

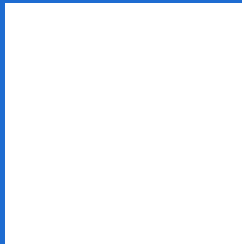
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1E6CD1 Background



This preview shows how black text looks on a background with the Hex color 1E6CD1.



This preview shows how white text looks on a background with the Hex color 1E6CD1.

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
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E6CD1 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 #1E6CD1 looks like.

```
.text, #text, p{  
    color:#1E6CD1  
}
```

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 #1E6CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6CD1
}
```

Border

The CSS property to change the border of an element to Hex 1E6CD1 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
#1E6CD1 }
```

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

```
.border{ border-color:#1E6CD1 }
```

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

Here you see how a box with a 4 pixel #1E6CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6CD1; -webkit-box-shadow:4px 4px  
4px 4px #1E6CD1; box-shadow:4px 4px 4px  
4px #1E6CD1 }
```

Background

The CSS property to change the background color of an element to Hex 1E6CD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6CD1 }
```

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

```
.background{ background-color:#1E6CD1 }
```

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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