

Converting Colors

Hex(1A66CC)

Have a look what the booklet for
Hex(1A66CC) contains.

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Color

Hex(1A66CC)

Conversions

Conversions Part 1

Format	Color
Hex	1A66CC
RGB	26, 102, 204
RGB Percent	10%, 40%, 80%
CMY	0.8980, 0.6000, 0.2000
CMYK	0.87, 0.50, 0.00, 0.20
HSL	214°, 77%, 45%
HSV	214°, 87%, 80%
XYZ	16.0765, 14.0820, 58.9975
YIQ	90.9040, -78.0380, 15.6100

Conversions

Conversions Part 2

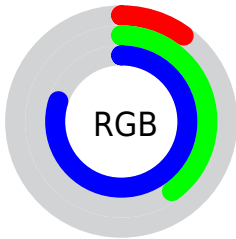
Format	Color
RYB	26, 79, 204
Decimal	1730252
CIELab	44.35, 16.39, -59.00
CIElCh	44, 61.231, 285.522
Yxy	14.0820, 0.1803, 0.1579
Android (android.graphics.Color)	4279920332 (0xFF1A66CC)
YUV	90.9040, 55.7563, -56.9208
Hunter-Lab	37.5260, 10.8005, -66.9463

Details

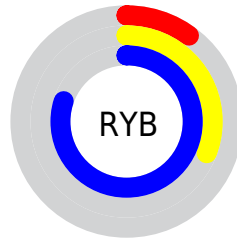
The Hex color **1A66CC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CC801A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6998FF**, and **003895** is the 20% darker color. If you saturate the color by 10%, you get **065ACC**, and if you desaturate by 10%, it is **2E72CC**.

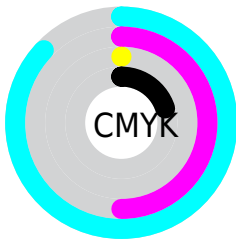
Distribution



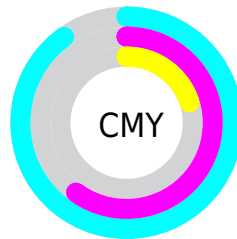
- Red (10%)
- Green (40%)
- Blue (80%)



- Red (10%)
- Yellow (31%)
- Blue (80%)



- Cyan (87%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A66CC 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 1A66CC by changing the saturation by 10% instead.

■ 1A66CC

■ 1A66CC

FFFFFF

■ 004FB0

■ 6998FF

■ 003895

■ 89B3FF

■ 00247A

■ A7CEFF

■ 001161

■ C5EAFF

■ 000848

■ E4FFFF

■ 000431

■ 00011B

■ 000000

■ 1A66CC

■ 1A66CC

■ 065ACC

■ 2E72CC

■ 0057CC

■ 437DCC

■ 5789CC

■ 6C95CC

■ 80A0CC

■ 94ACCC

■ A9B8CC

■ BDC4CC

■ D2CFCC

Harmonies

Analogous

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



0076CC



1A66CC



8B4EB1

Triad

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



1A66CC



B44620



007E4E

Complementary

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



1A66CC



CC801A

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.



247917



1A66CC



935E00

Square

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



1A66CC



C22F51



666F00



008083

Rectangle

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



1A66CC



AC3B94



666F00



007D3C

Sweetspot

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



1A66CC



BDD9FF



1ACC7F



586980



000000



808080

Same Dimension

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



1A66CC



006DFF



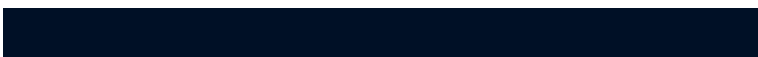
261ACC



5C6066



0047A6



001026

Inverse Universe

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



CC1A66



FF006D



C0CC1A



665C60



A60047



260010

Previews

White Background



This preview shows how the Hex color 1A66CC looks on a white background.

Color Contrast Check

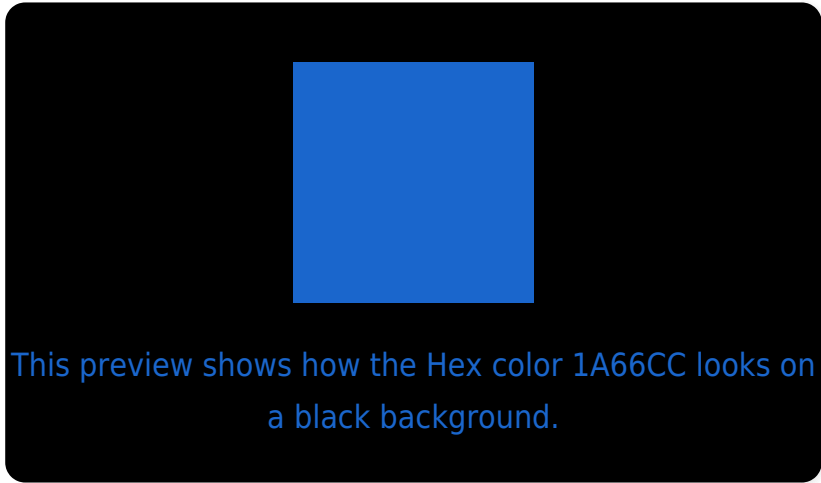
Large Text (above 18pt) WCAG AA ✓ Pass

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

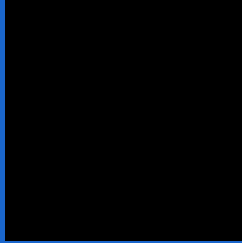
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

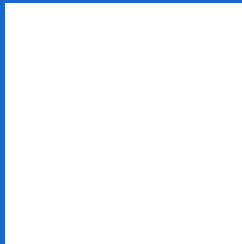
Any Text WCAG AAA × Fail

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

Hex 1A66CC Background



This preview shows how black text looks on a background with the Hex color 1A66CC.



This preview shows how white text looks on a background with the Hex color 1A66CC.

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
00747C

Trichromacy



Original Color
1A66CC

Protanomaly
2565CB

Deuteranomaly
0969C1

Tritanomaly
096F99

Monochromacy



Original Color
1A66CC

Achromatopsia
5B5B5B

Achromatomaly
435F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A66CC 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 #1A66CC looks like.

```
.text, #text, p{  
    color:#1A66CC  
}
```

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 #1A66CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A66CC
}
```

Border

The CSS property to change the border of an element to Hex 1A66CC 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
#1A66CC }
```

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

```
.border{ border-color:#1A66CC }
```

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

Here you see how a box with a 4 pixel #1A66CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A66CC; -webkit-box-shadow:4px 4px  
4px 4px #1A66CC; box-shadow:4px 4px 4px  
4px #1A66CC }
```

Background

The CSS property to change the background color of an element to Hex 1A66CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A66CC }
```

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

```
.background{ background-color:#1A66CC }
```

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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