

# Converting Colors

Hex(1A55CD)

Have a look what the booklet for  
Hex(1A55CD) contains.

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# Color

**Hex(1A55CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A55CD
RGB	26, 85, 205
RGB Percent	10%, 33%, 80%
CMY	0.8980, 0.6667, 0.1961
CMYK	0.87, 0.59, 0.00, 0.20
HSL	220°, 77%, 45%
HSV	220°, 87%, 80%
XYZ	14.6939, 11.1244, 59.1304
YIQ	81.0390, -73.6840, 24.8120

# Conversions

## Conversions Part 2

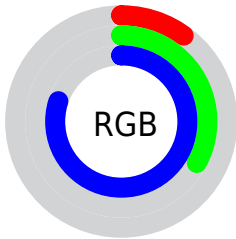
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 70, 205
Decimal	1725901
CIE Lab	39.79, 27.88, -66.98
CIE LCh	40, 72.555, 292.598
Yxy	11.1244, 0.1730, 0.1310
Android (android.graphics.Color)	4279915981 (0xFF1A55CD)
YUV	81.0390, 61.1128, -48.2692
Hunter-Lab	33.3532, 20.2709, -81.7651

# Details

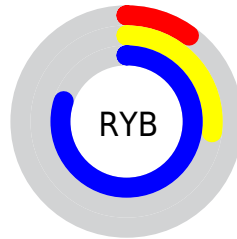
The Hex color **1A55CD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CD921A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6A86FF**, and **002996** is the 20% darker color. If you saturate the color by 10%, you get **0647CD**, and if you desaturate by 10%, it is **2F63CD**.

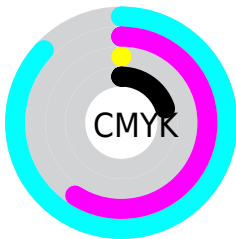
# Distribution



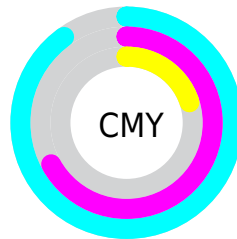
- Red (10%)
- Green (33%)
- Blue (80%)



- Red (10%)
- Yellow (27%)
- Blue (80%)



- Cyan (87%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (67%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A55CD 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 1A55CD by changing the saturation by 10% instead.



 1A55CD

 1A55CD

FFFFFF

 003EB1

 6A86FF

 002996

 8AA0FF

 00177B

 A9BBFF

 000061

 C7D6FF

 000848

 E6F3FF

 000431

 00011B

 000000

 1A55CD

 1A55CD

■ 0647CD

■ 2F63CD

■ 0044CD

■ 4370CD

■ 587ECD

■ 6C8CCD

■ 819ACD

■ 95A7CD

■ AAB5CD

■ BEC3CD

■ D3D1CD

# Harmonies

## Analogous

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



006AD5



1A55CD



9430A7

# Triad

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



1A55CD



A83800



00754D

# Complementary

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



1A55CD



CD921A

# 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.



007101



1A55CD



7F5600

# Square

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



1A55CD



BF0035



486800



00768A

# Rectangle

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



1A55CD



B30083



486800



007438



# Sweetspot

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



1A55CD



BDD3FF



1ACD91



586580



000000



808080



# Same Dimension

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



1A55CD



0054FF



381ACD



5C5F66



0037A6



000D26



# Inverse Universe

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



CD1A55



FF0054



AFCD1A



665C5F



A60037



26000D



# Previews

## White Background



This preview shows how the Hex color 1A55CD looks on a white background.

## Color Contrast Check

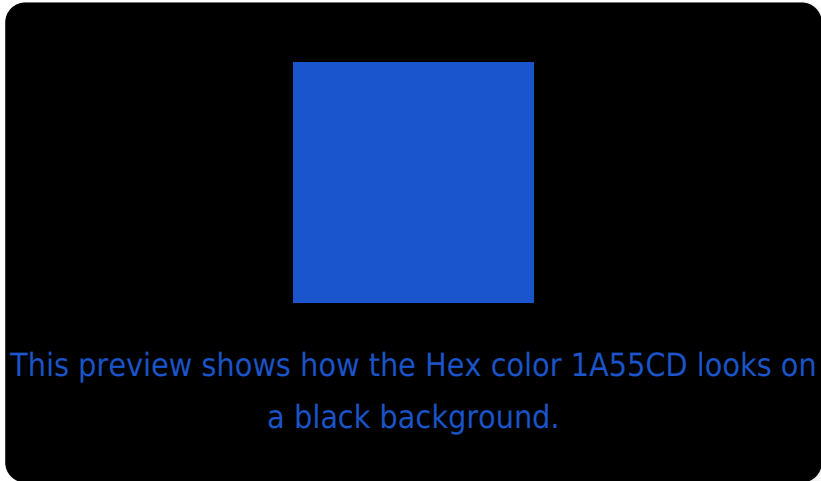
Large Text (above 18pt) WCAG AA ✓ Pass

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

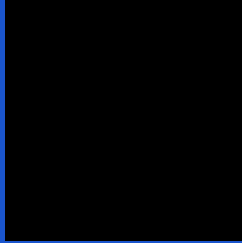
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A55CD Background



This preview shows how black text looks on a background with the Hex color 1A55CD.

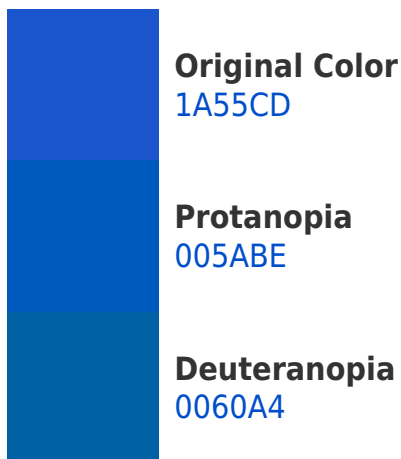


This preview shows how white text looks on a background with the Hex color 1A55CD.

# 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**  
00686E

# Trichromacy



**Original Color**  
1A55CD

**Protanomaly**  
0958C3

**Deuteranomaly**  
095CB3

**Tritanomaly**  
096191

# Monochromacy



**Original Color**  
1A55CD

**Achromatopsia**  
515151

**Achromatomaly**  
3D527E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A55CD 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 #1A55CD looks like.

```
.text, #text, p{  
    color:#1A55CD  
}
```

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 #1A55CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A55CD
}
```

## Border

The CSS property to change the border of an element to Hex 1A55CD 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
#1A55CD }
```

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

```
.border{ border-color:#1A55CD }
```

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

Here you see how a box with a 4 pixel #1A55CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A55CD; -webkit-box-shadow:4px 4px  
4px 4px #1A55CD; box-shadow:4px 4px 4px  
4px #1A55CD }
```

# Background

The CSS property to change the background color of an element to Hex 1A55CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A55CD }
```

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

```
.background{ background-color:#1A55CD }
```

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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