

Converting Colors

Hex(1D55B0)

Have a look what the booklet for
Hex(1D55B0) contains.

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Color

Hex(1D55B0)

Conversions

Conversions Part 1

Format	Color
Hex	1D55B0
RGB	29, 85, 176
RGB Percent	11%, 33%, 69%
CMY	0.8863, 0.6667, 0.3098
CMYK	0.84, 0.52, 0.00, 0.31
HSL	217°, 72%, 40%
HSV	217°, 84%, 69%
XYZ	11.5917, 9.8928, 42.3728
YIQ	78.6300, -62.5870, 16.4290

Conversions

Conversions Part 2

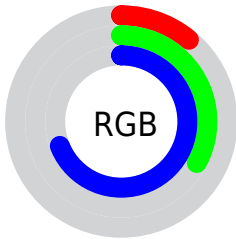
Format	Color
R_{YB}	29, 70, 176
Decimal	1922480
CIE _{Lab}	37.65, 16.71, -53.52
CIE _{LCh}	38, 56.066, 287.337
Yxy	9.8928, 0.1815, 0.1549
Android (android.graphics.Color)	4280112560 (0xFF1D55B0)
YUV	78.6300, 48.0034, -43.5255
Hunter-Lab	31.4528, 10.7422, -57.8578

Details

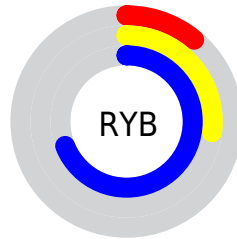
The Hex color **1D55B0** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B0781D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6486E8**, and **00297B** is the 20% darker color. If you saturate the color by 10%, you get **0B4AB0**, and if you desaturate by 10%, it is **2F60B0**.

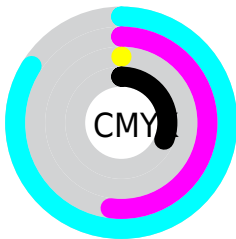
Distribution



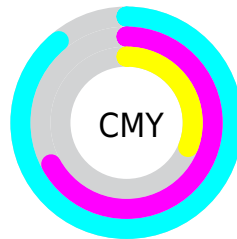
- Red (11%)
- Green (33%)
- Blue (69%)



- Red (11%)
- Yellow (27%)
- Blue (69%)



- Cyan (84%)
- Magenta (52%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D55B0 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 1D55B0 by changing the saturation by 10% instead.

■ 1D55B0

■ 1D55B0

FFFFFF

■ 003E95

■ 6486E8

■ 00297B

■ 82A0FF

■ 001761

■ 9FB8FF

■ 000349

■ BDD6FF

■ 000431

■ DAF3FF

■ 00011B

■ F9FFFF

■ 000000

■ 1D55B0

■ 1D55B0

■ 0B4AB0

■ 2F60B0

■ 0043B0

■ 406BB0

■ 5276B0

■ 6381B0

■ 758BB0

■ 8796B0

■ 98A1B0

■ AAACB0

■ BBB7B0

Harmonies

Analogous

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



0064B2



1D55B0



7A3F97

Triad

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



1D55B0



993A15



006B43

Complementary

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



1D55B0



B0781D

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.



126712



1D55B0



7C5000

Square

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



1D55B0



A72441



535E00



006D72

Rectangle

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



1D55B0



962E7C



535E00



006A33

Sweetspot

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



1D55B0



ACC2E6



1DB078



505D73



F2F2F2



737373

Same Dimension

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



1D55B0



0057E6



2E1DB0



505459



003A99



000A1A

Inverse Universe

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



B01D55



E60057



9FB01D



595054



99003A



1A000A

Previews

White Background



This preview shows how the Hex color 1D55B0 looks on a white background.

Color Contrast Check

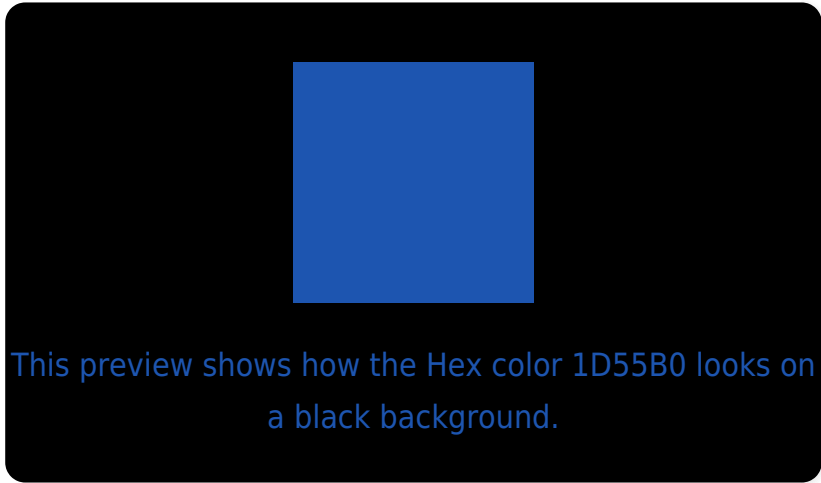
Large Text (above 18pt) WCAG AA ✓ Pass

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

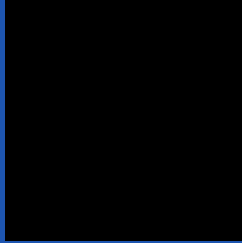
Any Text WCAG AA × Fail

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 1D55B0 Background



This preview shows how black text looks on a background with the Hex color 1D55B0.



This preview shows how white text looks on a background with the Hex color 1D55B0.

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

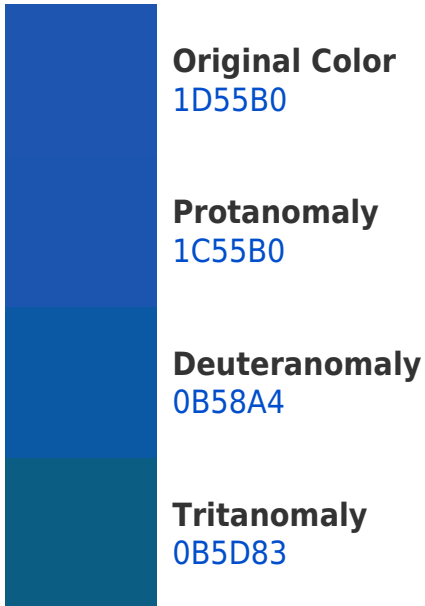


Original Color
1D55B0

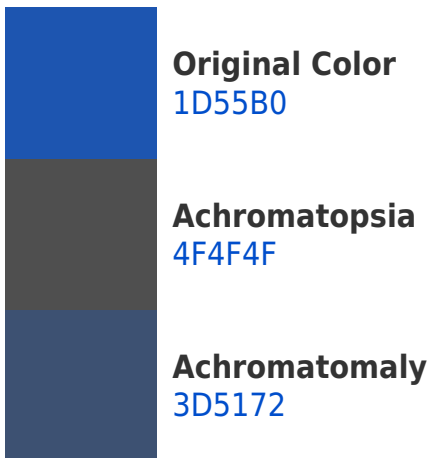
Protanopia
1B55B0

Deuteranopia
005A9D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D55B0 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 #1D55B0 looks like.

```
.text, #text, p{  
    color:#1D55B0  
}
```

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 #1D55B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D55B0
}
```

Border

The CSS property to change the border of an element to Hex 1D55B0 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
#1D55B0 }
```

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

```
.border{ border-color:#1D55B0 }
```

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

Here you see how a box with a 4 pixel #1D55B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D55B0; -webkit-box-shadow:4px 4px  
4px 4px #1D55B0; box-shadow:4px 4px 4px  
4px #1D55B0 }
```

Background

The CSS property to change the background color of an element to Hex 1D55B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D55B0 }
```

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

```
.background{ background-color:#1D55B0 }
```

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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