

Converting Colors

Hex(1D63DD)

Have a look what the booklet for
Hex(1D63DD) contains.

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Color

Hex(1D63DD)

Conversions

Conversions Part 1

Format	Color
Hex	1D63DD
RGB	29, 99, 221
RGB Percent	11%, 39%, 87%
CMY	0.8863, 0.6118, 0.1333
CMYK	0.87, 0.55, 0.00, 0.13
HSL	218°, 77%, 49%
HSV	218°, 87%, 87%
XYZ	18.0197, 14.4053, 70.2374
YIQ	91.9780, -80.8820, 23.1020

Conversions

Conversions Part 2

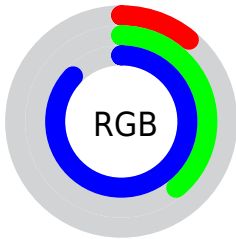
Format	Color
RYB	29, 80, 221
Decimal	1926109
CIELab	44.81, 25.13, -67.97
CIELCh	45, 72.463, 290.291
Yxy	14.4053, 0.1755, 0.1403
Android (android.graphics.Color)	4280116189 (0xFF1D63DD)
YUV	91.9780, 63.6078, -55.2317
Hunter-Lab	37.9544, 18.3267, -83.1525

Details

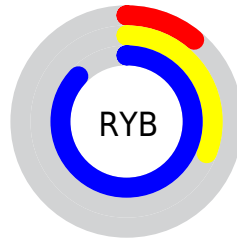
The Hex color **1D63DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DD971D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **6F95FF**, and **0036A5** is the 20% darker color. If you saturate the color by 10%, you get **0755DD**, and if you desaturate by 10%, it is **3371DD**.

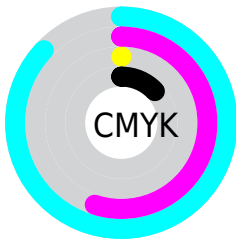
Distribution



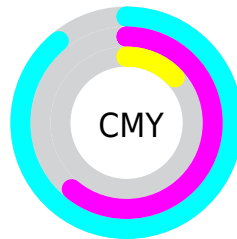
- Red (11%)
- Green (39%)
- Blue (87%)



- Red (11%)
- Yellow (31%)
- Blue (87%)



- Cyan (87%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (89%)
- Magenta (61%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D63DD 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 1D63DD by changing the saturation by 10% instead.

■ 1D63DD

■ 1D63DD

FFFFFF

■ 004CC1

■ 6F95FF

■ 0036A5

■ 8FAFFF

■ 00228A

■ AECBFF

■ 001070

■ CDE7FF

■ 000A56

■ ECFFFF

■ 00063E

■ 000327

■ 000110

■ 000000

■ 1D63DD

■ 1D63DD

■ 0755DD

■ 3371DD

■ 0051DD

■ 497FDD

■ 5F8DDD

■ 759BDD

■ 8CA9DD

■ A2B7DD

■ B8C5DD

■ CED3DD

■ E4E1DD

Harmonies

Analogous

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



0078E3



1D63DD



9D41B8

Triad

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



1D63DD



BA4200



008254

Complementary

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



1D63DD



DD971D

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.



007D0B



1D63DD



916100

Square

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



1D63DD



D01645



5A7300



008392

Rectangle

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



1D63DD



BF2394



5A7300



00813E

Sweetspot

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



1D63DD



BDD5FF



1DDD97



586680



000000



808080

Same Dimension

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



1D63DD



005DFF



371DDD



63676E



003FAD



00112E

Inverse Universe

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



DD1D63



FF005D



C3DD1D



6E6367



AD003F



2E0011

Previews

White Background



This preview shows how the Hex color 1D63DD looks on a white background.

Color Contrast Check

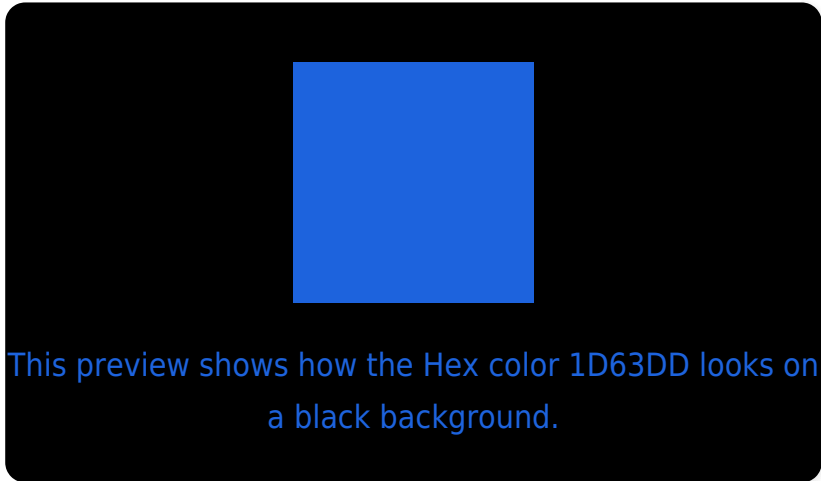
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D63DD Background



This preview shows how black text looks on a background with the Hex color 1D63DD.



This preview shows how white text looks on a background with the Hex color 1D63DD.

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
00757C

Trichromacy



Original Color
1D63DD

Protanomaly
0B64DA

Deuteranomaly
0B69C7

Tritanomaly
0B6E9F

Monochromacy



Original Color
1D63DD

Achromatopsia
5C5C5C

Achromatomaly
455F8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D63DD 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 #1D63DD looks like.

```
.text, #text, p{  
    color:#1D63DD  
}
```

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 #1D63DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D63DD
}
```

Border

The CSS property to change the border of an element to Hex 1D63DD 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
#1D63DD }
```

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

```
.border{ border-color:#1D63DD }
```

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

Here you see how a box with a 4 pixel #1D63DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D63DD; -webkit-box-shadow:4px 4px  
4px 4px #1D63DD; box-shadow:4px 4px 4px  
4px #1D63DD }
```

Background

The CSS property to change the background color of an element to Hex 1D63DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D63DD }
```

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

```
.background{ background-color:#1D63DD }
```

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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