

Converting Colors

Hex(1A3DD5)

Have a look what the booklet for
Hex(1A3DD5) contains.

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Color

Hex(1A3DD5)

Conversions

Conversions Part 1

Format	Color
Hex	1A3DD5
RGB	26, 61, 213
RGB Percent	10%, 24%, 84%
CMY	0.8980, 0.7608, 0.1647
CMYK	0.88, 0.71, 0.00, 0.16
HSL	229°, 78%, 47%
HSV	229°, 88%, 84%
XYZ	14.1050, 8.3612, 63.8212
YIQ	67.8630, -69.6520, 39.8520

Conversions

Conversions Part 2

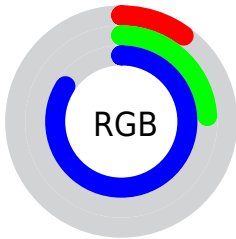
Format	Color
R _Y B	26, 55, 213
Decimal	1719765
CIE Lab	34.72, 46.08, -79.92
CIE LCh	35, 92.254, 299.965
Yxy	8.3612, 0.1635, 0.0969
Android (android.graphics.Color)	4279909845 (0xFF1A3DD5)
YUV	67.8630, 71.5525, -36.7139
Hunter-Lab	28.9157, 36.4691, -110.6207

Details

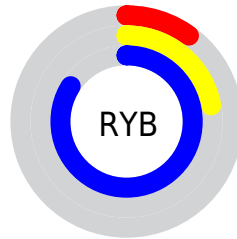
The Hex color **1A3DD5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D5B21A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6F6DFF**, and **00129D** is the 20% darker color. If you saturate the color by 10%, you get **052CD5**, and if you desaturate by 10%, it is **2F4ED5**.

Distribution



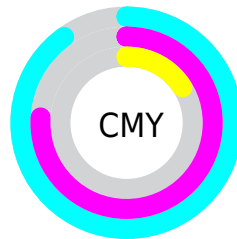
- Red (10%)
- Green (24%)
- Blue (84%)



- Red (10%)
- Yellow (22%)
- Blue (84%)



- Cyan (88%)
- Magenta (71%)
- Yellow (0%)
- Black (16%)



- Cyan (90%)
- Magenta (76%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3DD5 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 1A3DD5 by changing the saturation by 10% instead.

■ 1A3DD5

■ 1A3DD5

FFFFFF

■ 0027B9

■ 6F6DFF

■ 00129D

■ 8F87FF

■ 000182

■ AFA1FF

■ 000068

■ CEBCFF

■ 000A4E

■ EDD8FF

■ 000537

■ FFF5FF

■ 000220

■ 000005

■ 000000

■ 1A3DD5

■ 1A3DD5

■ 052CD5

■ 2F4ED5

■ 0028D5

■ 4560D5

■ 5A71D5

■ 6F82D5

■ 8594D5

■ 9AA5D5

■ AFB6D5

■ C4C8D5

■ DAD9D5

Harmonies

Analogous

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



005EEA



1A3DD5



A3009D

Triad

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



1A3DD5



9B2700



006B50

Complementary

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



1A3DD5



D5B21A

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.



006800



1A3DD5



655000

Square

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



1A3DD5



BF000E



006100



006C9B

Rectangle

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



1A3DD5



C0006E



006100



006A35

Sweetspot

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



1A3DD5



BDC9FF



1AD5B0



585F80



000000



808080

Same Dimension

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



1A3DD5



0030FF



521AD5



60626B



0020AB



00082B

Inverse Universe

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



D51A3D



FF0030



9DD51A



6B6062



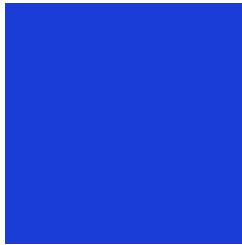
AB0020



2B0008

Previews

White Background



This preview shows how the Hex color 1A3DD5 looks on a white background.

Color Contrast Check

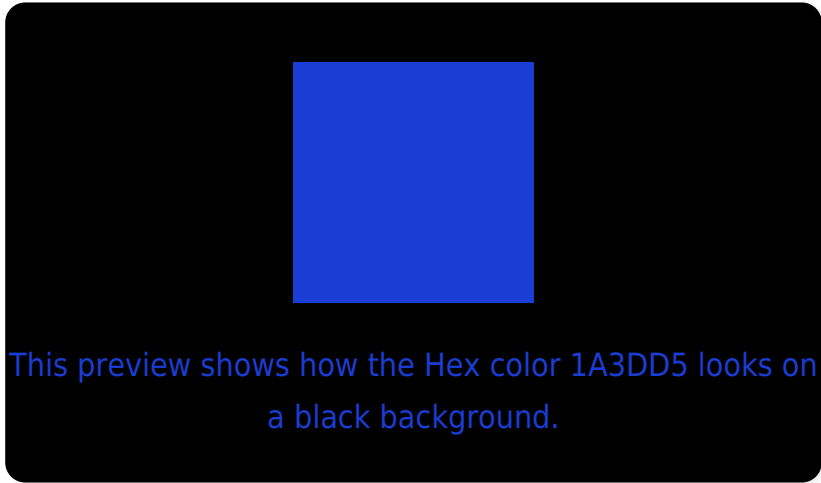
Large Text (above 18pt) WCAG AA ✓ Pass

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

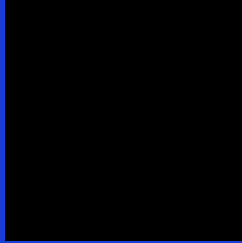
Any Text WCAG AA × Fail

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 1A3DD5 Background



This preview shows how black text looks on a background with the Hex color 1A3DD5.



This preview shows how white text looks on a background with the Hex color 1A3DD5.

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
1A3DD5

Protanopia
004EA5

Deuteranopia
00548C



Tritanopia
005A5F

Trichromacy



Original Color
1A3DD5

Protanomaly
0948B6

Deuteranomaly
094CA7

Tritanomaly
094F8A

Monochromacy



Original Color
1A3DD5

Achromatopsia
444444

Achromatomaly
354179

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3DD5 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 #1A3DD5 looks like.

```
.text, #text, p{  
    color:#1A3DD5  
}
```

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 #1A3DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3DD5
}
```

Border

The CSS property to change the border of an element to Hex 1A3DD5 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
#1A3DD5 }
```

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

```
.border{ border-color:#1A3DD5 }
```

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

Here you see how a box with a 4 pixel #1A3DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3DD5; -webkit-box-shadow:4px 4px  
4px 4px #1A3DD5; box-shadow:4px 4px 4px  
4px #1A3DD5 }
```

Background

The CSS property to change the background color of an element to Hex 1A3DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3DD5 }
```

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

```
.background{ background-color:#1A3DD5 }
```

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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