

Converting Colors

Hex(1A23D5)

Have a look what the booklet for
Hex(1A23D5) contains.

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Color

Hex(1A23D5)

Conversions

Conversions Part 1

Format	Color
Hex	1A23D5
RGB	26, 35, 213
RGB Percent	10%, 14%, 84%
CMY	0.8980, 0.8627, 0.1647
CMYK	0.88, 0.84, 0.00, 0.16
HSL	237°, 78%, 47%
HSV	237°, 88%, 84%
XYZ	13.0373, 6.2258, 63.4653
YIQ	52.6010, -62.5020, 53.4500

Conversions

Conversions Part 2

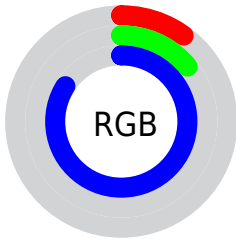
Format	Color
RYB	26, 35, 213
Decimal	1713109
CIELab	29.98, 59.69, -87.80
CIELCh	30, 106.169, 304.211
Yxy	6.2258, 0.1576, 0.0753
Android (android.graphics.Color)	4279903189 (0xFF1A23D5)
YUV	52.6010, 79.0767, -23.3291
Hunter-Lab	24.9515, 49.6020, -133.3409

Details

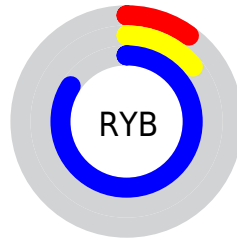
The Hex color **1A23D5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D5CC1A**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7155FF**, and **00009D** is the 20% darker color. If you saturate the color by 10%, you get **050FD5**, and if you desaturate by 10%, it is **2F37D5**.

Distribution



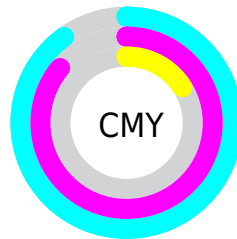
- Red (10%)
- Green (14%)
- Blue (84%)



- Red (10%)
- Yellow (14%)
- Blue (84%)



- Cyan (88%)
- Magenta (84%)
- Yellow (0%)
- Black (16%)



- Cyan (90%)
- Magenta (86%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A23D5 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 1A23D5 by changing the saturation by 10% instead.

■ 1A23D5

■ 1A23D5

FFFFFF

■ 0007B8

■ 7155FF

■ 00009D

■ 926FFF

■ 000082

■ B289FF

■ 000567

■ D1A4FF

■ 000A4E

■ F1C0FF

■ 000536

■ FFDCFF

■ 000220

■ FFF9FF

■ 000004

■ 000000

■ 1A23D5

■ 1A23D5

■ 050FD5

■ 2F37D5

■ 000AD5

■ 454CD5

■ 5A60D5

■ 6F74D5

■ 8588D5

■ 9A9DD5

■ AFB1D5

■ C4C5D5

■ DAD9D5

Harmonies

Analogous

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



0054F4



1A23D5



A90091

Triad

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



1A23D5



8C1800



005F51

Complementary

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



1A23D5



D5CC1A

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.



005D00



1A23D5



4D4900

Square

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



1A23D5



B80000



005800



0062A5

Rectangle

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



1A23D5



C3005B



005800



005E34

Sweetspot

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



1A23D5



BDC0FF



1AD5CC



585A80



000000



808080

Same Dimension

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



1A23D5



000CFF



6E1AD5



60616B



0008AB



00022B

Inverse Universe

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



D51A23



FF000C



81D51A



6B6061



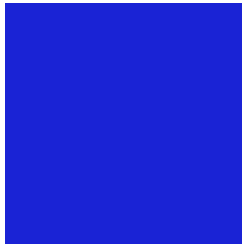
AB0008



2B0002

Previews

White Background



This preview shows how the Hex color 1A23D5 looks on a white background.

Color Contrast Check

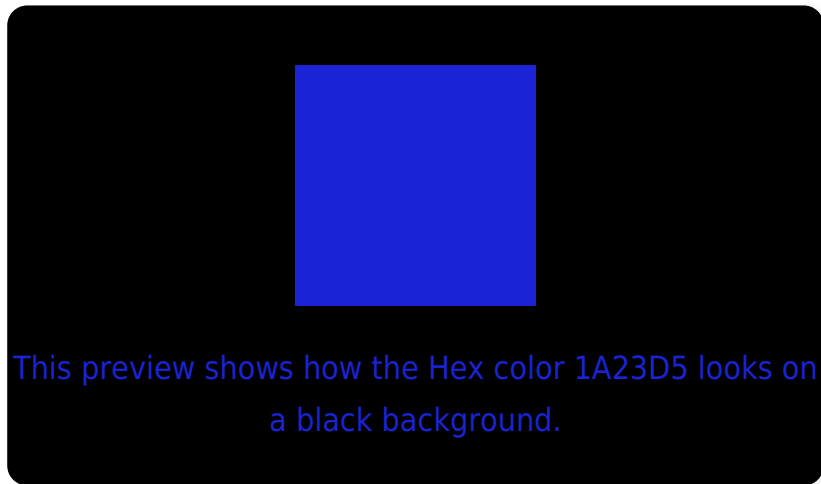
Large Text (above 18pt) WCAG AA ✓ Pass

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

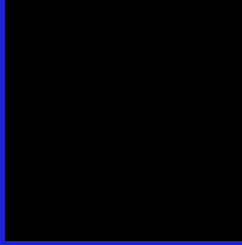
Any Text WCAG AA × Fail

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 1A23D5 Background



This preview shows how black text looks on a background with the Hex color 1A23D5.



This preview shows how white text looks on a background with the Hex color 1A23D5.

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
1A23D5

Protanopia
00448F

Deuteranopia
004979



Tritanopia
004E52

Trichromacy



Original Color
1A23D5

Protanomaly
0938A8

Deuteranomaly
093B9A

Tritanomaly
093E82

Monochromacy



Original Color
1A23D5

Achromatopsia
353535

Achromatomaly
2B2E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A23D5 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 #1A23D5 looks like.

```
.text, #text, p{  
    color:#1A23D5  
}
```

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 #1A23D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A23D5
}
```

Border

The CSS property to change the border of an element to Hex 1A23D5 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
#1A23D5 }
```

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

```
.border{ border-color:#1A23D5 }
```

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

Here you see how a box with a 4 pixel #1A23D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A23D5; -webkit-box-shadow:4px 4px  
4px 4px #1A23D5; box-shadow:4px 4px 4px  
4px #1A23D5 }
```

Background

The CSS property to change the background color of an element to Hex 1A23D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A23D5 }
```

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

```
.background{ background-color:#1A23D5 }
```

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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