

Converting Colors

Hex(1F33DE)

Have a look what the booklet for
Hex(1F33DE) contains.

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Color

Hex(1F33DE)

Conversions

Conversions Part 1

Format	Color
Hex	1F33DE
RGB	31, 51, 222
RGB Percent	12%, 20%, 87%
CMY	0.8784, 0.8000, 0.1294
CMYK	0.86, 0.77, 0.00, 0.13
HSL	234°, 75%, 50%
HSV	234°, 86%, 87%
XYZ	14.9337, 7.9329, 69.8513
YIQ	64.5140, -66.8110, 48.9410

Conversions

Conversions Part 2

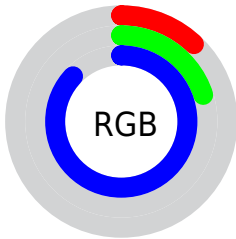
Format	Color
R_{YB}	31, 49, 222
Decimal	2044894
CIE _{Lab}	33.84, 54.96, -86.56
CIE _{LCh}	34, 102.533, 302.416
Yxy	7.9329, 0.1611, 0.0856
Android (android.graphics.Color)	4280234974 (0xFF1F33DE)
YUV	64.5140, 77.6406, -29.3918
Hunter-Lab	28.1654, 45.3540, -127.3260

Details

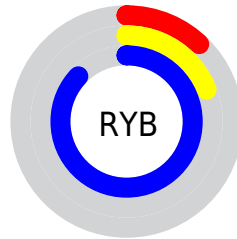
The Hex color **1F33DE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DECA1F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7464FF**, and **0004A5** is the 20% darker color. If you saturate the color by 10%, you get **091FDE**, and if you desaturate by 10%, it is **3547DE**.

Distribution



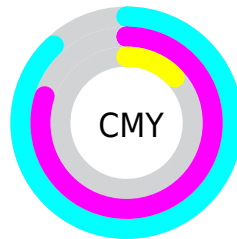
- Red (12%)
- Green (20%)
- Blue (87%)



- Red (12%)
- Yellow (19%)
- Blue (87%)



- Cyan (86%)
- Magenta (77%)
- Yellow (0%)
- Black (13%)



- Cyan (88%)
- Magenta (80%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F33DE 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 1F33DE by changing the saturation by 10% instead.

 1F33DE

 1F33DE

FFFFFF

 001CC1

 7464FF

 0004A5

 957EFF

 00008A

 B598FF

 00006F

 D4B3FF


 000C56

 F4CFFF

 00063D

 FFECFF

 000327

 000110

 000000

■ 1F33DE

■ 1F33DE

■ 091FDE

■ 3547DE

■ 0017DE

■ 4B5BDE

■ 626FDE

■ 7883DE

■ 8E96DE

■ A4AADE

■ BABEDE

■ D1D2DE

■ E7E6DE

Harmonies

Analogous

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



005DF9



1F33DE



AE009D

Triad

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



1F33DE



9A2200



006955

Complementary

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



1F33DE



DECA1F

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.



006700



1F33DE



5C5000

Square

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



1F33DE



C40000



006100



006CA7

Rectangle

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



1F33DE



CA0068



006100



006938

Sweetspot

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



1F33DE



BDC4FF



1FDEC8



585C80



000000



808080

Same Dimension

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



1F33DE



001BFF



681FDE



656670



0012B0



000530

Inverse Universe

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



DE1F33



FF001B



95DE1F



706566



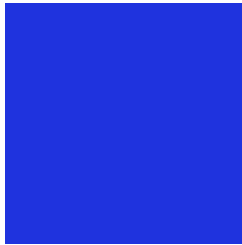
B00012



300005

Previews

White Background



This preview shows how the Hex color 1F33DE looks on a white background.

Color Contrast Check

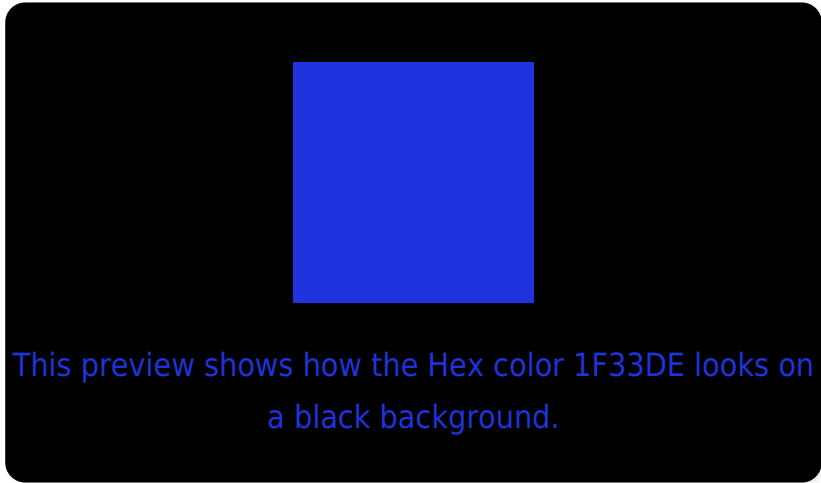
Large Text (above 18pt) WCAG AA ✓ Pass

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

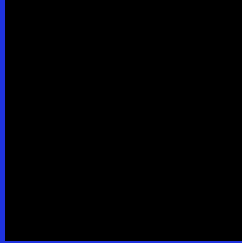
Any Text WCAG AA × Fail

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 1F33DE Background



This preview shows how black text looks on a background with the Hex color 1F33DE.



This preview shows how white text looks on a background with the Hex color 1F33DE.

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
1F33DE

Protanopia
004CA0

Deuteranopia
005188



Tritanopia
00585C

Trichromacy



Original Color
1F33DE

Protanomaly
0B43B7

Deuteranomaly
0B46A7

Tritanomaly
0B4B8B

Monochromacy



Original Color
1F33DE

Achromatopsia
414141

Achromatomaly
353C7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F33DE 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 #1F33DE looks like.

```
.text, #text, p{  
    color:#1F33DE  
}
```

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 #1F33DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F33DE
}
```

Border

The CSS property to change the border of an element to Hex 1F33DE 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
#1F33DE }
```

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

```
.border{ border-color:#1F33DE }
```

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

Here you see how a box with a 4 pixel #1F33DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F33DE; -webkit-box-shadow:4px 4px  
4px 4px #1F33DE; box-shadow:4px 4px 4px  
4px #1F33DE }
```

Background

The CSS property to change the background color of an element to Hex 1F33DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F33DE }
```

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

```
.background{ background-color:#1F33DE }
```

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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