

Converting Colors

Hex(5143DE)

Have a look what the booklet for
Hex(5143DE) contains.

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Color

Hex(5143DE)

Conversions

Conversions Part 1

Format	Color
Hex	5143DE
RGB	81, 67, 222
RGB Percent	32%, 26%, 87%
CMY	0.6824, 0.7373, 0.1294
CMYK	0.64, 0.70, 0.00, 0.13
HSL	245°, 70%, 57%
HSV	245°, 70%, 87%
XYZ	18.5853, 11.0376, 70.2582
YIQ	88.8560, -41.4110, 51.1730

Conversions

Conversions Part 2

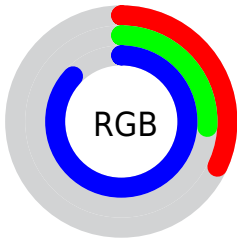
Format	Color
R_{YB}	81, 67, 222
Decimal	5325790
CIE _{Lab}	39.64, 50.37, -76.89
CIE _{LCh}	40, 91.917, 303.228
Yxy	11.0376, 0.1861, 0.1105
Android (android.graphics.Color)	4283515870 (0xFF5143DE)
YUV	88.8560, 65.6400, -6.8897
Hunter-Lab	33.2228, 41.7154, -102.1278

Details

The Hex color **5143DE** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D0DE43**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9175FF**, and **0014A5** is the 20% darker color. If you saturate the color by 10%, you get **3D2DDE**, and if you desaturate by 10%, it is **6559DE**.

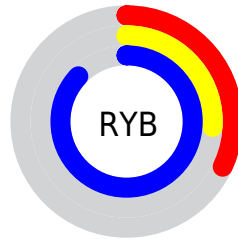
Distribution



Red (32%)

Green (26%)

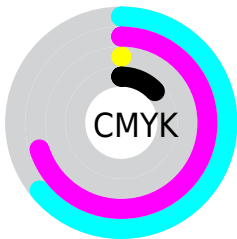
Blue (87%)



Red (32%)

Yellow (26%)

Blue (87%)

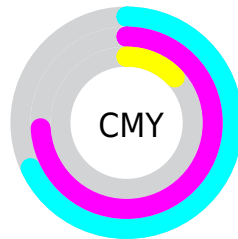


Cyan (64%)

Magenta (70%)

Yellow (0%)

Black (13%)



Cyan (68%)

Magenta (74%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5143DE 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 5143DE by changing the saturation by 10% instead.

■ 5143DE

■ 5143DE

FFFFFF

■ 292BC1

■ 9175FF

■ 0014A5

■ B08FFF

■ 00008A

■ CEAFFF

■ 000070

■ EDC6FF

■ 000856

■ FFE2FF

■ 00063E

■ 000327

■ 000111

■ 000000

 5143DE

 5143DE

 3D2DDE

 6559DE

 2917DE

 796FDE

 1400DE

 8E86DE

 A29CDE

 B6B2DE

 CAC8DE

 DEDEDE

 F3F5DE

 FFFFDE

Harmonies

Analogous

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



0067F8



5143DE



B800A3

Triad

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



5143DE



A53B00



007864

Complementary

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



5143DE



D0DE43

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.



007508



5143DE



6C5E00

Square

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



5143DE



CC000E



006E00



0079AF

Rectangle

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



5143DE



D20072



006E00



007849

Sweetspot

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



5143DE



CEC9FF



43D1DE



636080



000000



808080

Same Dimension

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



5143DE



3C29FF



9D43DE



666570



1000B0



040030

Inverse Universe

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



DE43D0



FF29EC



84DE43



70656F



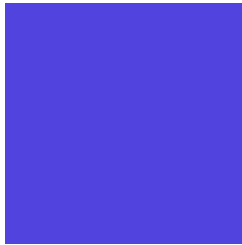
B000A0



30002C

Previews

White Background



This preview shows how the Hex color 5143DE looks on a white background.

Color Contrast Check

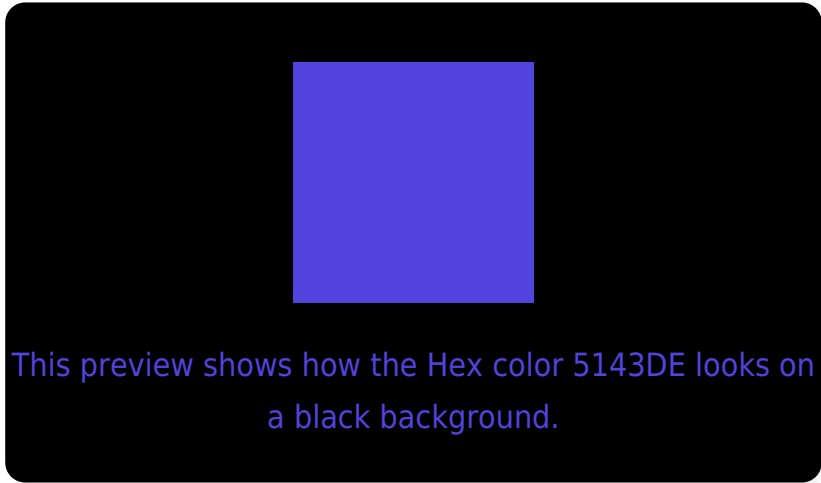
Large Text (above 18pt) WCAG AA ✓ Pass

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

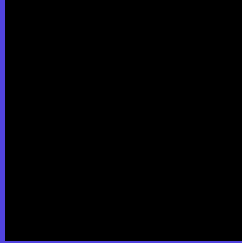
Any Text WCAG AA × Fail

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 5143DE Background



This preview shows how black text looks on a background with the Hex color 5143DE.

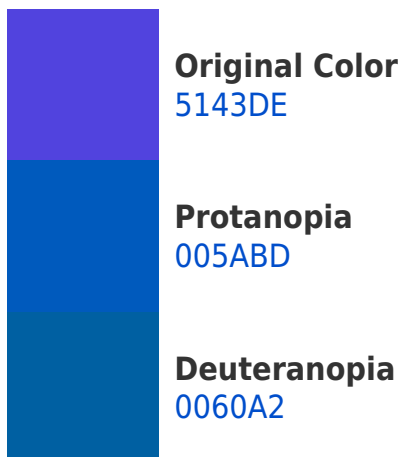


This preview shows how white text looks on a background with the Hex color 5143DE.

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
00676F

Trichromacy



Original Color
5143DE



Protanomaly
1D52C9



Deuteranomaly
1D55B8



Tritanomaly
1D5A97

Monochromacy



Original Color
5143DE



Achromatopsia
595959



Achromatomaly
565189

CSS Examples

Text

The CSS property to change the color of the text to Hex 5143DE 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 #5143DE looks like.

```
.text, #text, p{  
    color:#5143DE  
}
```

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 #5143DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5143DE
}
```

Border

The CSS property to change the border of an element to Hex 5143DE 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".

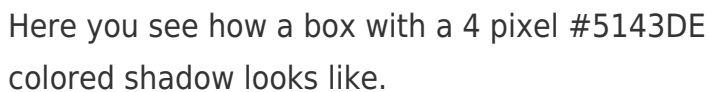
```
.border, #border, table{ border:4px solid
#5143DE }
```

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

```
.border{ border-color:#5143DE }
```

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

Here you see how a box with a 4 pixel #5143DE colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5143DE; -webkit-box-shadow:4px 4px  
4px 4px #5143DE; box-shadow:4px 4px 4px  
4px #5143DE }
```

Background

The CSS property to change the background color of an element to Hex 5143DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5143DE }
```

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

```
.background{ background-color:#5143DE }
```

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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