

Converting Colors

Hex(1533AE)

Have a look what the booklet for
Hex(1533AE) contains.

Hex(1533AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1533AE)

Conversions

Conversions Part 1

Format	Color
Hex	1533AE
RGB	21, 51, 174
RGB Percent	8%, 20%, 68%
CMY	0.9176, 0.8000, 0.3176
CMYK	0.88, 0.71, 0.00, 0.32
HSL	228°, 78%, 38%
HSV	228°, 88%, 68%
XYZ	9.1331, 5.5831, 40.6407
YIQ	56.0520, -57.3630, 31.8930

Conversions

Conversions Part 2

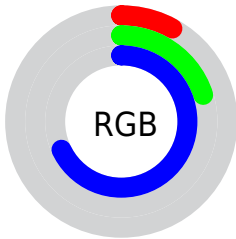
Format	Color
R_{YB}	21, 46, 174
Decimal	1389486
CIE _{Lab}	28.34, 37.91, -67.56
CIE _{LCh}	28, 77.472, 299.301
Yxy	5.5831, 0.1650, 0.1009
Android (android.graphics.Color)	4279579566 (0xFF1533AE)
YUV	56.0520, 58.1484, -30.7406
Hunter-Lab	23.6285, 27.6452, -85.4378

Details

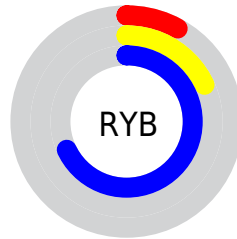
The Hex color **1533AE** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AE9015**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6362E7**, and **000B78** is the 20% darker color. If you saturate the color by 10%, you get **0425AE**, and if you desaturate by 10%, it is **2641AE**.

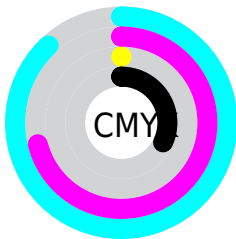
Distribution



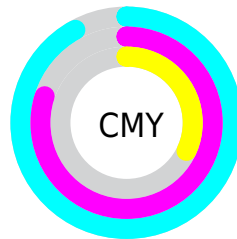
- Red (8%)
- Green (20%)
- Blue (68%)



- Red (8%)
- Yellow (18%)
- Blue (68%)



- Cyan (88%)
- Magenta (71%)
- Yellow (0%)
- Black (32%)



- Cyan (92%)
- Magenta (80%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1533AE 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 1533AE by changing the saturation by 10% instead.

■ 1533AE

■ 1533AE

FFFFFF

■ 001E93

■ 6362E7

■ 000B78

■ 817BFF

■ 00005F

■ 9F95FF

■ 000846

■ BDAFFF

■ 00042E

■ DBCBFF

■ 000119

■ FAE7FF

■ 000000

■ 1533AE

■ 1533AE

■ 0425AE

■ 2641AE

0022AE

384FAE

495DAE

5B6BAE

6C79AE

7D87AE

8F95AE

A0A3AE

B2B1AE

Harmonies

Analogous

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



004DBE



1533AE



840081

Triad

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



1533AE



802000



005740

Complementary

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



1533AE



AE9015

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.



005500



1533AE



544100

Square

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



1533AE



9D000D



094F00



00597D

Rectangle

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



1533AE



9C005B



094F00



00572A

Sweetspot

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



1533AE



A8B4E3



15AE8F



4F5673



F2F2F2



737373

Same Dimension

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



1533AE



002DE3



4315AE



4E5057



001E96



000517

Inverse Universe

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



AE1533



E3002D



80AE15



574E50



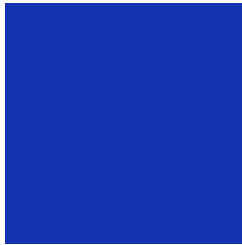
96001E



170005

Previews

White Background



This preview shows how the Hex color 1533AE looks on a white background.

Color Contrast Check

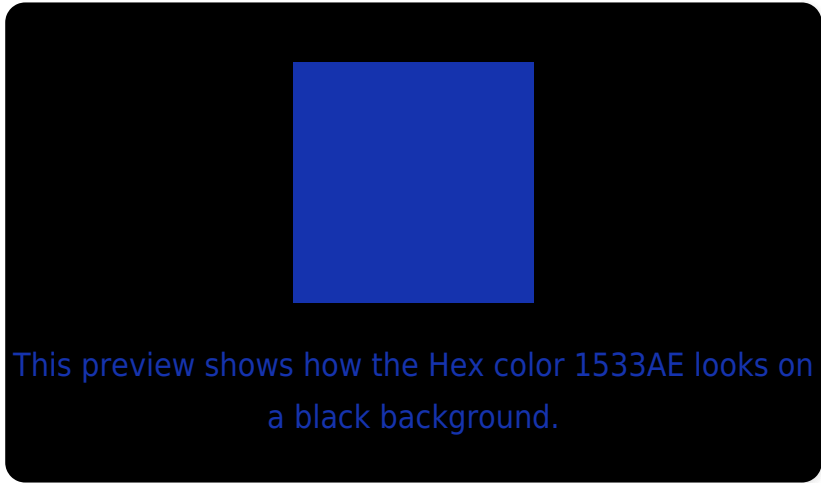
Large Text (above 18pt) WCAG AA ✓ Pass

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

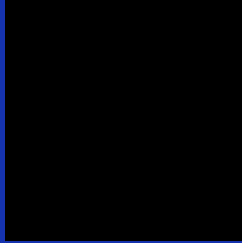
Any Text WCAG AA × Fail

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 1533AE Background



This preview shows how black text looks on a background with the Hex color 1533AE.



This preview shows how white text looks on a background with the Hex color 1533AE.

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
1533AE

Protanopia
004088

Deuteranopia
004574



Tritanopia
004A4E

Trichromacy



Original Color
1533AE

Protanomaly
083B96

Deuteranomaly
083E89

Tritanomaly
084271

Monochromacy



Original Color
1533AE

Achromatopsia
383838

Achromatomaly
2B3663

CSS Examples

Text

The CSS property to change the color of the text to Hex 1533AE 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 #1533AE looks like.

```
.text, #text, p{  
    color:#1533AE  
}
```

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 #1533AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1533AE
}
```

Border

The CSS property to change the border of an element to Hex 1533AE 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
#1533AE }
```

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

```
.border{ border-color:#1533AE }
```

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

Here you see how a box with a 4 pixel #1533AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1533AE; -webkit-box-shadow:4px 4px  
4px 4px #1533AE; box-shadow:4px 4px 4px  
4px #1533AE }
```

Background

The CSS property to change the background color of an element to Hex 1533AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1533AE }
```

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

```
.background{ background-color:#1533AE }
```

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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