

Converting Colors

Hex(1A1A51)

Have a look what the booklet for
Hex(1A1A51) contains.

Hex(1A1A51)	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>	28

Color

Hex(1A1A51)

Conversions

Conversions Part 1

Format	Color
Hex	1A1A51
RGB	26, 26, 81
RGB Percent	10%, 10%, 32%
CMY	0.8980, 0.8980, 0.6824
CMYK	0.68, 0.68, 0.00, 0.68
HSL	240°, 51%, 21%
HSV	240°, 68%, 32%
XYZ	2.2806, 1.5525, 7.9640
YIQ	32.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

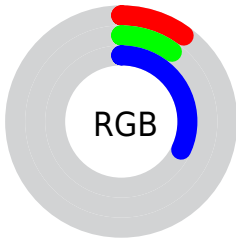
Format	Color
RYB	26, 26, 81
Decimal	1710673
CIELab	12.94, 19.48, -33.75
CIELCh	13, 38.968, 299.996
Yxy	1.5525, 0.1933, 0.1316
Android (android.graphics.Color)	4279900753 (0xFF1A1A51)
YUV	32.2700, 24.0239, -5.4988
Hunter-Lab	12.4599, 10.8671, -29.1748

Details

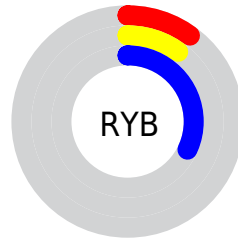
The Hex color **1A1A51** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **51511A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4D4583**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **121251**, and if you desaturate by 10%, it is **222251**.

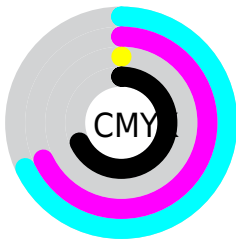
Distribution



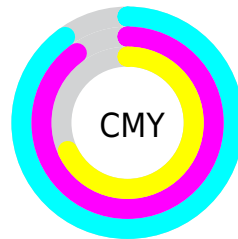
- Red (10%)
- Green (10%)
- Blue (32%)



- Red (10%)
- Yellow (10%)
- Blue (32%)



- Cyan (68%)
- Magenta (68%)
- Yellow (0%)
- Black (68%)



- Cyan (90%)
- Magenta (90%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1A51 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 1A1A51 by changing the saturation by 10% instead.

■ 1A1A51

■ 1A1A51

FFFEFF

■ 02003A

■ 4D4583

■ 000223

■ 675D9D

■ 00000B

■ 8176B8

■ 000000

■ 9C8FD4

■ B7AAF1

■ D3C5FF

■ F0E1FF

■ 1A1A51

■ 1A1A51

■ 121251

■ 222251

■ 0A0A51

■ 2A2A51

■ 020251

■ 323251

■ 000051

■ 3A3A51

■ 424251

■ 4B4B51

■ 535351

■ 5B5B51

■ 636351

Harmonies

Analogous

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



002558



1A1A51



40063D

Triad

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



1A1A51



3F1400



002D21

Complementary

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



1A1A51



51511A

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.



002B00



1A1A51



2B2100

Square

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



1A1A51



4C0002



0F2700



002D3C

Rectangle

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



1A1A51



4B002C



0F2700



002C17

Sweetspot

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



1A1A51



545469



1A5151



292936



B5B5B5



363636

Same Dimension

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



1A1A51



141469



361A51



252529



000069



0000E8

Inverse Universe

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



511A51



691469



36511A



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 1A1A51 looks on a white background.

Color Contrast Check

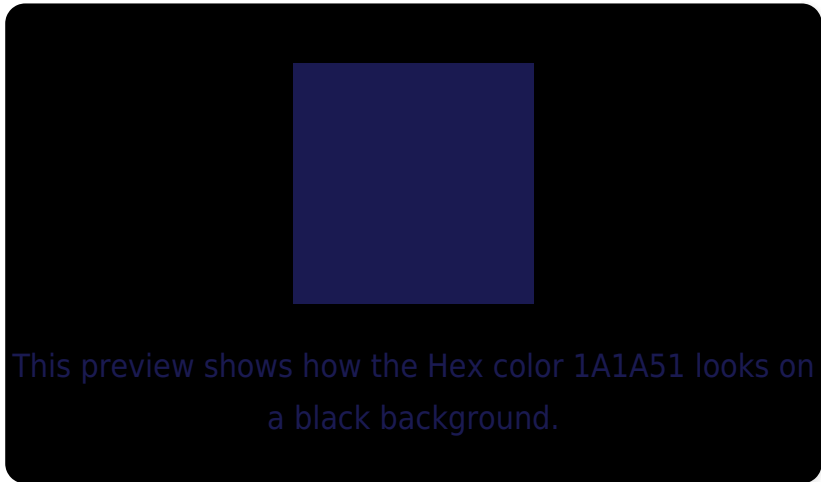
Large Text (above 18pt) WCAG AA ✓ Pass

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

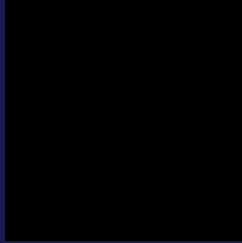
Any Text WCAG AA × Fail

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 1A1A51 Background



This preview shows how black text looks on a background with the Hex color 1A1A51.



This preview shows how white text looks on a background with the Hex color 1A1A51.

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

1A1A51

Protanopia

002145

Tritanopia

002628

Trichromacy



Original Color
1A1A51

Protanomaly
091E49

Tritanomaly
092237

Monochromacy



Original Color
1A1A51

Achromatopsia
202020

Achromatomaly
1E1E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1A51 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 #1A1A51 looks like.

```
.text, #text, p{  
    color:#1A1A51  
}
```

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 #1A1A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1A51
}
```

Border

The CSS property to change the border of an element to Hex 1A1A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

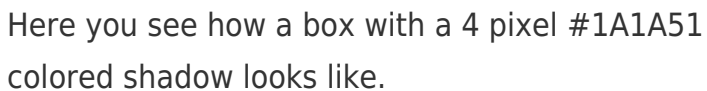
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A1A51 }
```

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

```
.border{ border-color:#1A1A51 }
```

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



Here you see how a box with a 4 pixel #1A1A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1A51; -webkit-box-shadow:4px 4px  
4px 4px #1A1A51; box-shadow:4px 4px 4px  
4px #1A1A51 }
```

Background

The CSS property to change the background color of an element to Hex 1A1A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1A51 }
```

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

```
.background{ background-color:#1A1A51 }
```

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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