

Converting Colors

Hex(1A1A63)

Have a look what the booklet for
Hex(1A1A63) contains.

Hex(1A1A63)	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(1A1A63)

Conversions

Conversions Part 1

Format	Color
Hex	1A1A63
RGB	26, 26, 99
RGB Percent	10%, 10%, 39%
CMY	0.8980, 0.8980, 0.6118
CMYK	0.74, 0.74, 0.00, 0.61
HSL	240°, 58%, 25%
HSV	240°, 74%, 39%
XYZ	3.0475, 1.8593, 12.0026
YIQ	34.3220, -23.4330, 22.7030

Conversions

Conversions Part 2

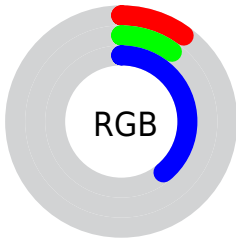
Format	Color
R _Y B	26, 26, 99
Decimal	1710691
CIE Lab	14.73, 26.39, -42.91
CIE LCh	15, 50.375, 301.586
Yxy	1.8593, 0.1802, 0.1100
Android (android.graphics.Color)	4279900771 (0xFF1A1A63)
YUV	34.3220, 31.8863, -7.2984
Hunter-Lab	13.6354, 16.0328, -42.6453

Details

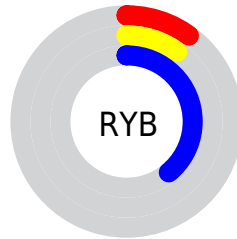
The Hex color **1A1A63** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **63631A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **524697**, and **000133** is the 20% darker color. If you saturate the color by 10%, you get **101063**, and if you desaturate by 10%, it is **242463**.

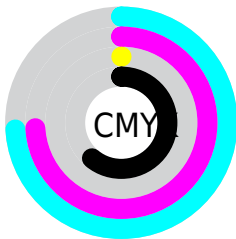
Distribution



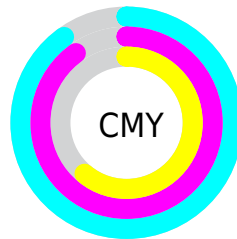
- Red (10%)
- Green (10%)
- Blue (39%)



- Red (10%)
- Yellow (10%)
- Blue (39%)



- Cyan (74%)
- Magenta (74%)
- Yellow (0%)
- Black (61%)



- Cyan (90%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1A63 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 1A1A63 by changing the saturation by 10% instead.

■ 1A1A63

■ 1A1A63

FFFFFF

■ 00044B

■ 524697

■ 000133

■ 6C5EB2

■ 00021D

■ 8776CD

■ 000000

■ A390EA

■ BFABFF

■ DBC6FF

■ F9E2FF

■ 1A1A63

■ 1A1A63

■ 101063

■ 242463

■ 060663

■ 2E2E63

■ 000063

■ 383863

■ 424263

■ 4C4C63

■ 555563

■ 5F5F63

■ 696963

■ 737363

Harmonies

Analogous

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



002A6E



1A1A63



4E0048

Triad

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



1A1A63



491300



003326

Complementary

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



1A1A63



63631A

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.



003100



1A1A63



2E2500

Square

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



1A1A63



5B0000



032D00



00334A

Rectangle

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



1A1A63



5B0031



032D00



00321A

Sweetspot

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



1A1A63



636380



1A6363



2F2F40



BFBFBF



404040

Same Dimension

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



1A1A63



0F0F80



3F1A63



2C2C30



000070



0000F0

Inverse Universe

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



631A63



800F80



3F631A



302C30



700070



F000F0

Previews

White Background



This preview shows how the Hex color 1A1A63 looks on a white background.

Color Contrast Check

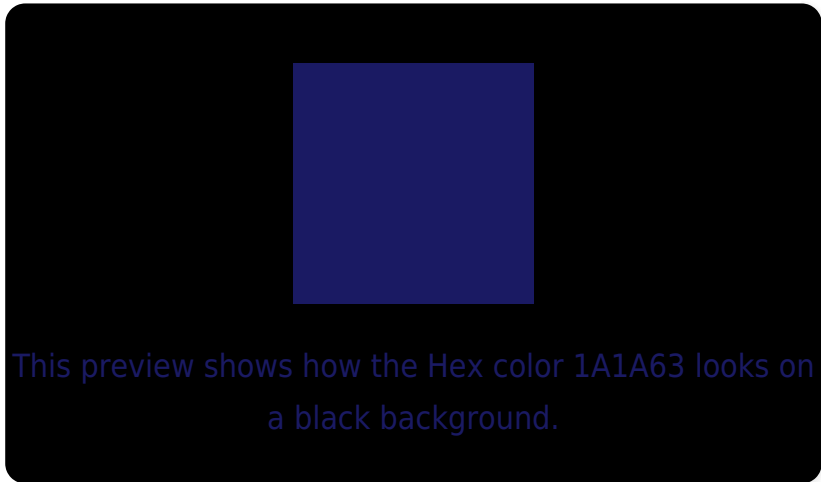
Large Text (above 18pt) WCAG AA ✓ Pass

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

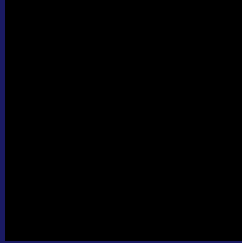
Any Text WCAG AA × Fail

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 1A1A63 Background



This preview shows how black text looks on a background with the Hex color 1A1A63.



This preview shows how white text looks on a background with the Hex color 1A1A63.

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

1A1A63

Protanopia

00254D

Deuteranopia

002742

Trichromacy



Original Color
1A1A63

Protanomaly
092155

Deuteranomaly
09224E

Monochromacy



Original Color
1A1A63

Achromatopsia
222222

Achromatomaly
1F1F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1A63 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 #1A1A63 looks like.

```
.text, #text, p{  
    color:#1A1A63  
}
```

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 #1A1A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1A63
}
```

Border

The CSS property to change the border of an element to Hex 1A1A63 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
#1A1A63 }
```

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

```
.border{ border-color:#1A1A63 }
```

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

Here you see how a box with a 4 pixel #1A1A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1A63; -webkit-box-shadow:4px 4px  
4px 4px #1A1A63; box-shadow:4px 4px 4px  
4px #1A1A63 }
```

Background

The CSS property to change the background color of an element to Hex 1A1A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1A63 }
```

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

```
.background{ background-color:#1A1A63 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor