

Converting Colors

Hex(1C1E52)

Have a look what the booklet for
Hex(1C1E52) contains.

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Color

Hex(1C1E52)

Conversions

Conversions Part 1

Format	Color
Hex	1C1E52
RGB	28, 30, 82
RGB Percent	11%, 12%, 32%
CMY	0.8902, 0.8824, 0.6784
CMYK	0.66, 0.63, 0.00, 0.68
HSL	238°, 49%, 22%
HSV	238°, 66%, 32%
XYZ	2.4662, 1.7846, 8.1971
YIQ	35.3300, -17.8840, 15.7480

Conversions

Conversions Part 2

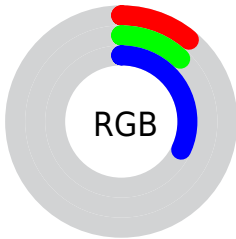
Format	Color
R_{YB}	28, 30, 82
Decimal	1842770
CIE _{Lab}	14.31, 17.36, -32.18
CIE _{LCh}	14, 36.568, 298.343
Y _{xy}	1.7846, 0.1981, 0.1434
Android (android.graphics.Color)	4280032850 (0xFF1C1E52)
Y _{UV}	35.3300, 23.0083, -6.4284
Hunter-Lab	13.3590, 9.5741, -27.0294

Details

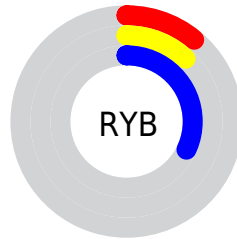
The Hex color **1C1E52** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **52501C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4E4A84**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **141652**, and if you desaturate by 10%, it is **242652**.

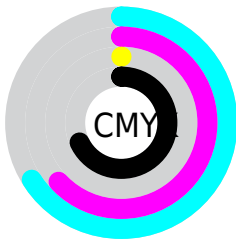
Distribution



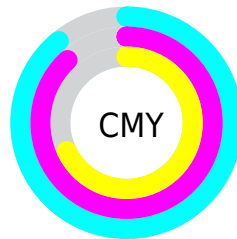
- Red (11%)
- Green (12%)
- Blue (32%)



- Red (11%)
- Yellow (12%)
- Blue (32%)



- Cyan (66%)
- Magenta (63%)
- Yellow (0%)
- Black (68%)



- Cyan (89%)
- Magenta (88%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1E52 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 1C1E52 by changing the saturation by 10% instead.

■ 1C1E52

■ 1C1E52

FFFFFF

■ 02073B

■ 4E4A84

■ 000224

■ 68619E

■ 00000C

■ 827AB9

■ 000000

■ 9D94D5

■ B8AFF2

■ D4CAFF

■ F1E6FF

■ 1C1E52

■ 1C1E52

■ 141652

■ 242652

■ 0C0E52

■ 2C2E52

■ 030652

■ 353652

■ 000352

■ 3D3E52

■ 454552

■ 4D4D52

■ 555552

■ 5E5D52

■ 666552

Harmonies

Analogous

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



002858



1C1E52



410E40

Triad

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



1C1E52



431700



002F22

Complementary

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



1C1E52



52501C

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.



002D03



1C1E52



2F2300

Square

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



1C1E52



4E060C



172A00



002F3C

Rectangle

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



1C1E52



4C022F



172A00



002E19

Sweetspot

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



1C1E52



56566B



1C524F



292936



B5B5B5



363636

Same Dimension

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



1C1E52



161A6B



341C52



252529



000469



0009E8

Inverse Universe

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



521C1E



6B161A



3A521C



292525



690004



E80009

Previews

White Background



This preview shows how the Hex color 1C1E52 looks on a white background.

Color Contrast Check

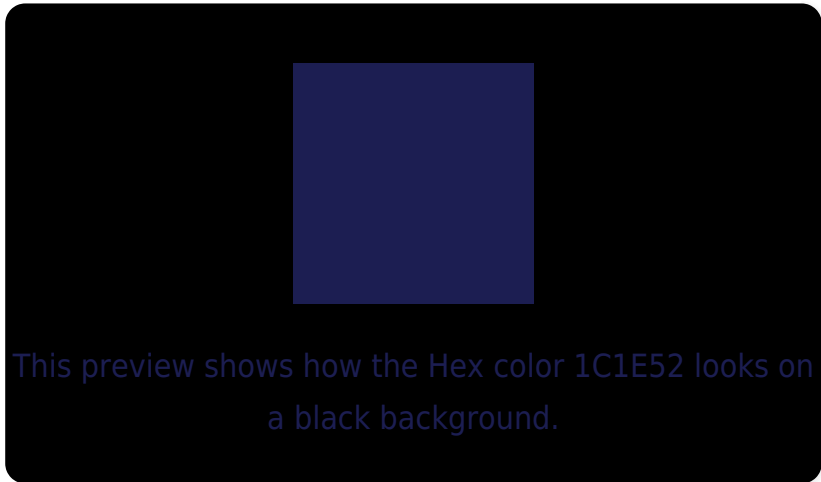
Large Text (above 18pt) WCAG AA ✓ Pass

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

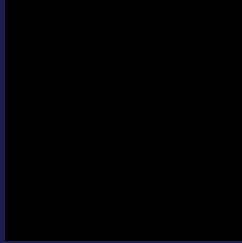
Any Text WCAG AA × Fail

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 1C1E52 Background



This preview shows how black text looks on a background with the Hex color 1C1E52.



This preview shows how white text looks on a background with the Hex color 1C1E52.

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
1C1E52

Protanopia
00234B

Deuteranopia
002640



Tritanopia
00292C

Trichromacy



Original Color
1C1E52

Protanomaly
0A214E

Deuteranomaly
0A2347

Tritanomaly
0A253A

Monochromacy



Original Color
1C1E52

Achromatopsia
232323

Achromatomaly
202134

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1E52 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 #1C1E52 looks like.

```
.text, #text, p{  
    color:#1C1E52  
}
```

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 #1C1E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1E52
}
```

Border

The CSS property to change the border of an element to Hex 1C1E52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

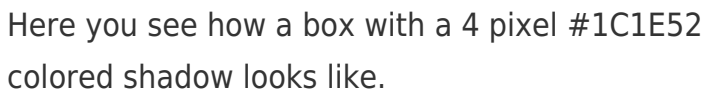
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C1E52 }
```

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

```
.border{ border-color:#1C1E52 }
```

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



Here you see how a box with a 4 pixel #1C1E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1E52; -webkit-box-shadow:4px 4px  
4px 4px #1C1E52; box-shadow:4px 4px 4px  
4px #1C1E52 }
```

Background

The CSS property to change the background color of an element to Hex 1C1E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1E52 }
```

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

```
.background{ background-color:#1C1E52 }
```

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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