

Converting Colors

Hex(1C216E)

Have a look what the booklet for
Hex(1C216E) contains.

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Color

Hex(1C216E)

Conversions

Conversions Part 1

Format	Color
Hex	1C216E
RGB	28, 33, 110
RGB Percent	11%, 13%, 43%
CMY	0.8902, 0.8706, 0.5686
CMYK	0.75, 0.70, 0.00, 0.57
HSL	236°, 59%, 27%
HSV	236°, 75%, 43%
XYZ	3.8372, 2.4604, 15.0245
YIQ	40.2830, -27.6970, 22.8870

Conversions

Conversions Part 2

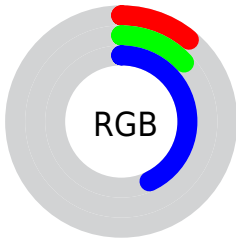
Format	Color
R_{YB}	28, 33, 110
Decimal	1843566
CIE _{Lab}	17.74, 26.10, -45.18
CIE _{LCh}	18, 52.178, 300.016
Y _{xy}	2.4604, 0.1800, 0.1154
Android (android.graphics.Color)	4280033646 (0xFF1C216E)
YUV	40.2830, 34.3705, -10.7722
Hunter-Lab	15.6856, 16.2173, -45.8112

Details

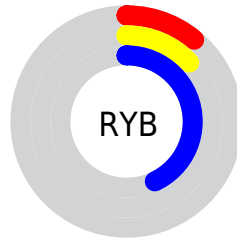
The Hex color **1C216E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6E691C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **554DA2**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **11176E**, and if you desaturate by 10%, it is **272B6E**.

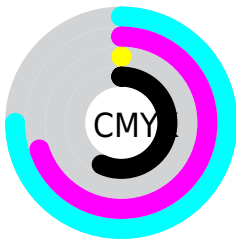
Distribution



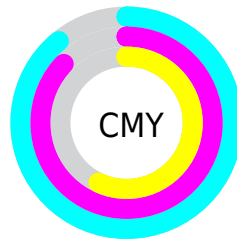
- Red (11%)
- Green (13%)
- Blue (43%)



- Red (11%)
- Yellow (13%)
- Blue (43%)



- Cyan (75%)
- Magenta (70%)
- Yellow (0%)
- Black (57%)



- Cyan (89%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C216E 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 1C216E by changing the saturation by 10% instead.

■ 1C216E

■ 1C216E

FFFFFF

■ 000D55

■ 554DA2

■ 00003D

■ 7066BE

■ 000326

■ 8C7FDA

■ 000110

■ A799F7

■ 000000

■ C4B3FF

■ E0CFFF

■ FEEBFF

■ 1C216E

■ 1C216E

■ 11176E

■ 272B6E

■ 060C6E

■ 32366E

■ 00076E

■ 3D406E

■ 484A6E

■ 53556E

■ 5E5F6E

■ 69696E

■ 74746E

■ 7F7E6E

Harmonies

Analogous

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



003179



1C216E



560052

Triad

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



1C216E



531800



00392A

Complementary

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



1C216E



6E691C

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.



003800



1C216E



372A00

Square

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



1C216E



650004



0D3300



003A51

Rectangle

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



1C216E



65003A



0D3300



00391D

Sweetspot

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



1C216E



6F718F



1C6E69



353647



C7C7C7



474747

Same Dimension

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



1C216E



10178F



401C6E



323338



000778



000FF7

Inverse Universe

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



6E1C21



8F1017



4A6E1C



383233



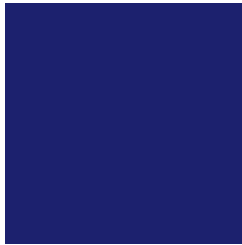
780007



F7000F

Previews

White Background



This preview shows how the Hex color 1C216E looks on a white background.

Color Contrast Check

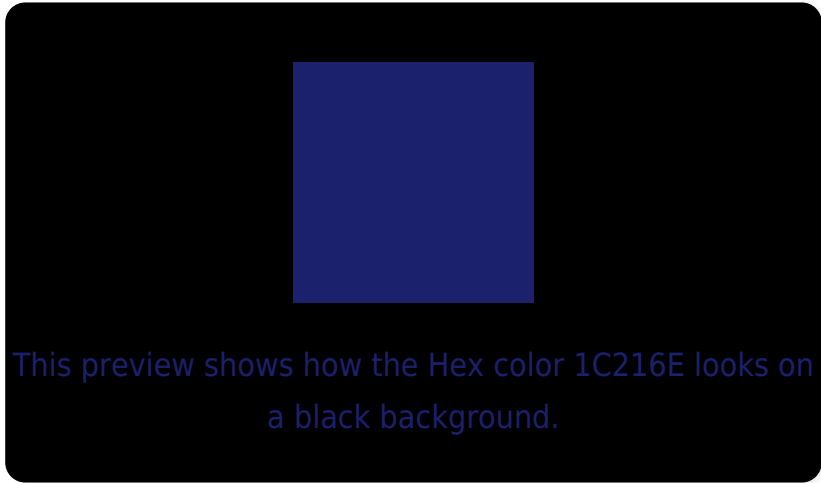
Large Text (above 18pt) WCAG AA ✓ Pass

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

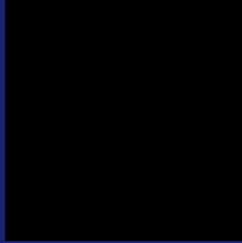
Any Text WCAG AA × Fail

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 1C216E Background



This preview shows how black text looks on a background with the Hex color 1C216E.



This preview shows how white text looks on a background with the Hex color 1C216E.

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
1C216E

Protanopia
002A59

Deuteranopia
002D4C

Trichromacy



Original Color
1C216E

Protanomaly
0A2761

Deuteranomaly
0A2958

Tritanomaly
0A2B49

Monochromacy



Original Color
1C216E

Achromatopsia
282828

Achromatomaly
242541

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C216E 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 #1C216E looks like.

```
.text, #text, p{  
    color:#1C216E  
}
```

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 #1C216E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C216E
}
```

Border

The CSS property to change the border of an element to Hex 1C216E 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
#1C216E }
```

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

```
.border{ border-color:#1C216E }
```

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

Here you see how a box with a 4 pixel #1C216E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C216E; -webkit-box-shadow:4px 4px  
4px 4px #1C216E; box-shadow:4px 4px 4px  
4px #1C216E }
```

Background

The CSS property to change the background color of an element to Hex 1C216E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C216E }
```

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

```
.background{ background-color:#1C216E }
```

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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