

Converting Colors

Hex(1C428E)

Have a look what the booklet for
Hex(1C428E) contains.

Hex(1C428E)	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(1C428E)

Conversions

Conversions Part 1

Format	Color
Hex	1C428E
RGB	28, 66, 142
RGB Percent	11%, 26%, 56%
CMY	0.8902, 0.7412, 0.4431
CMYK	0.80, 0.54, 0.00, 0.44
HSL	220°, 67%, 33%
HSV	220°, 80%, 56%
XYZ	7.3096, 6.0963, 26.3826
YIQ	63.3020, -47.0440, 15.5800

Conversions

Conversions Part 2

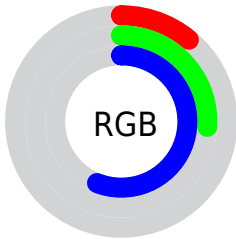
Format	Color
R _Y B	28, 57, 142
Decimal	1852046
CIE Lab	29.65, 15.84, -45.97
CIE LCh	30, 48.625, 289.016
Yxy	6.0963, 0.1837, 0.1532
Android (android.graphics.Color)	4280042126 (0xFF1C428E)
YUV	63.3020, 38.7981, -30.9599
Hunter-Lab	24.6907, 9.6356, -46.0694

Details

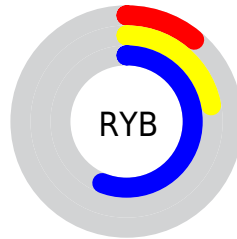
The Hex color **1C428E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8E681C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5B71C4**, and **00195B** is the 20% darker color. If you saturate the color by 10%, you get **0E398E**, and if you desaturate by 10%, it is **2A4B8E**.

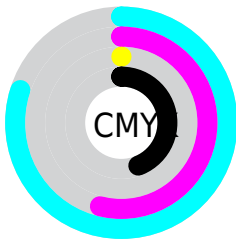
Distribution



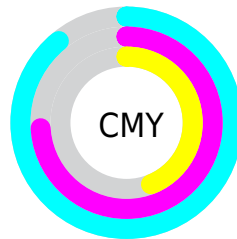
- Red (11%)
- Green (26%)
- Blue (56%)



- Red (11%)
- Yellow (22%)
- Blue (56%)



- Cyan (80%)
- Magenta (54%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (74%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C428E 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 1C428E by changing the saturation by 10% instead.

■ 1C428E

■ 1C428E

FFFFFF

■ 002C74

■ 5B71C4

■ 00195B

■ 788BE1

■ 000043

■ 94A5FE

■ 00032C

■ B0C0FF

■ 000116

■ CDDCFF

■ 000000

■ EBF8FF

■ 1C428E

■ 1C428E

■ 0E398E

■ 2A4B8E

■ 002F8E

■ 38558E

■ 475E8E

■ 55688E

■ 63718E

■ 717B8E

■ 7F848E

■ 8E8E8E

■ 9C978E

Harmonies

Analogous

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



004F91



1C428E



642F78

Triad

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



1C428E



7A2D0B



005536

Complementary

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



1C428E



8E681C

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.



01520D



1C428E



613F00

Square

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



1C428E



871A30



3F4B00



00565D

Rectangle

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



1C428E



7A2062



3F4B00



005529

Sweetspot

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



1C428E



8C9AB8



1C8E68



414A5C



DBDBDB



5C5C5C

Same Dimension

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



1C428E



0742B8



2F1C8E



404347



002D87



000308

Inverse Universe

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



8E1C42



B80742



7B8E1C



474043



87002D



080003

Previews

White Background



This preview shows how the Hex color 1C428E looks on a white background.

Color Contrast Check

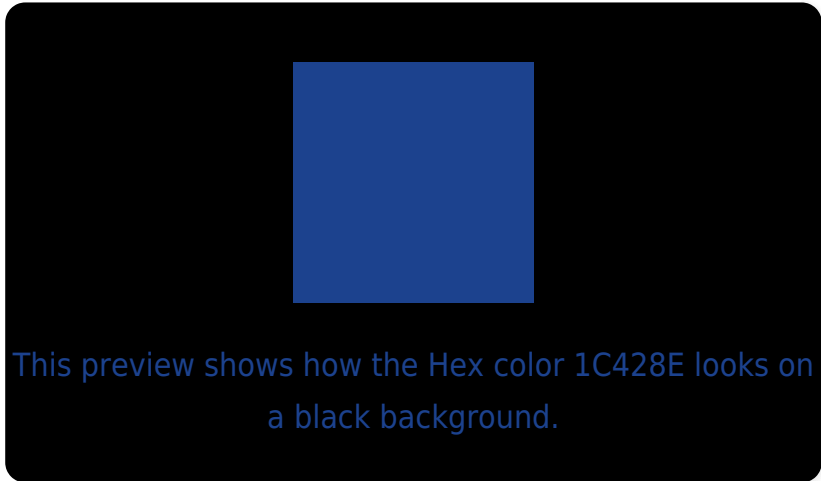
Large Text (above 18pt) WCAG AA ✓ Pass

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

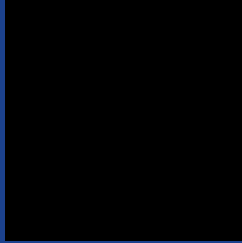
Any Text WCAG AA × Fail

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 1C428E Background



This preview shows how black text looks on a background with the Hex color 1C428E.



This preview shows how white text looks on a background with the Hex color 1C428E.

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
1C428E

Protanopia
00438F

Deuteranopia
00477C



Tritanopia
004E53

Trichromacy



Original Color
1C428E

Protanomaly
0A438F

Deuteranomaly
0A4583

Tritanomaly
0A4A68

Monochromacy



Original Color
1C428E

Achromatopsia
3F3F3F

Achromatomaly
32405C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C428E 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 #1C428E looks like.

```
.text, #text, p{  
    color:#1C428E  
}
```

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 #1C428E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C428E
}
```

Border

The CSS property to change the border of an element to Hex 1C428E 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
#1C428E }
```

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

```
.border{ border-color:#1C428E }
```

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

Here you see how a box with a 4 pixel #1C428E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C428E; -webkit-box-shadow:4px 4px  
4px 4px #1C428E; box-shadow:4px 4px 4px  
4px #1C428E }
```

Background

The CSS property to change the background color of an element to Hex 1C428E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C428E }
```

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

```
.background{ background-color:#1C428E }
```

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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