

Converting Colors

Hex(22082B)

Have a look what the booklet for
Hex(22082B) contains.

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Color

Hex(22082B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 22082B |
| RGB | 34, 8, 43 |
| RGB Percent | 13%, 3%, 17% |
| CMY | 0.8667, 0.9686, 0.8314 |
| CMYK | 0.21, 0.81, 0.00, 0.83 |
| HSL | 285°, 69%, 10% |
| HSV | 285°, 81%, 17% |
| XYZ | 1.1826, 0.6882, 2.3560 |
| YIQ | 19.7640, 4.2610, 16.3970 |

Conversions

Conversions Part 2

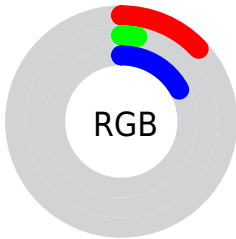
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 34, 8, 43 |
| Decimal | 2230315 |
| CIE Lab | 6.22, 20.10, -17.43 |
| CIE LCh | 6, 26.604, 319.073 |
| Yxy | 0.6882, 0.2798, 0.1628 |
| Android (android.graphics.Color) | 4280420395 (0xFF22082B) |
| YUV | 19.7640, 11.4553, 12.4850 |
| Hunter-Lab | 8.2956, 10.9286, -11.0319 |

Details

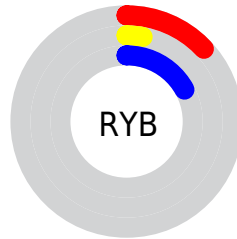
The Hex color **22082B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **112B08**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **503459**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21042B**, and if you desaturate by 10%, it is **230C2B**.

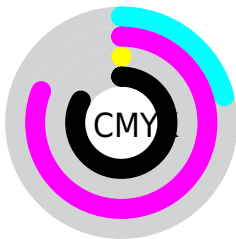
Distribution



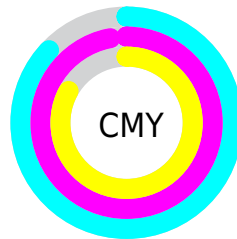
- Red (13%)
- Green (3%)
- Blue (17%)



- Red (13%)
- Yellow (3%)
- Blue (17%)



- Cyan (21%)
- Magenta (81%)
- Yellow (0%)
- Black (83%)



- Cyan (87%)
- Magenta (97%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22082B 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 22082B by changing the saturation by 10% instead.

 22082B

 22082B

 FFE8FF

 000016

 503459

 000000

 684B71

 82638B

 9C7CA5

 B796C0

 D3B1DC

 EFCCF9

 22082B

 22082B

■ 21042B

■ 230C2B

■ 20002B

■ 24112B

■ 25152B

■ 26192B

■ 281E2B

■ 29222B

■ 2A262B

■ 2B2A2B

■ 2C2F2B

Harmonies

Analogous

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



011235



22082B



2F001B

Triad

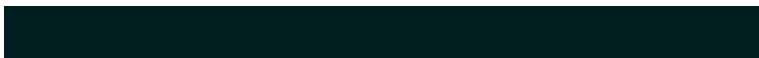
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22082B



201000



001E1F

Complementary

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



22082B



112B08

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.



001E09



22082B



0C1700

Square

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



22082B



2C0700



001C00



001C2E

Rectangle

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



22082B



32000D



001C00



001E19

Sweetspot

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



22082B



352B38



08112B



1A141C



9C9C9C



1C1C1C

Same Dimension

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



22082B



2A0138



2B0823



141214



3F0054



9D00D4

Inverse Universe

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



2B0811



38010F



082B10



141213



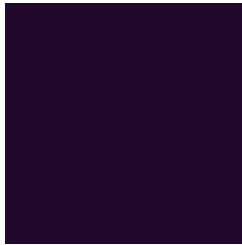
540016



D40036

Previews

White Background



This preview shows how the Hex color 22082B looks on a white background.

Color Contrast Check

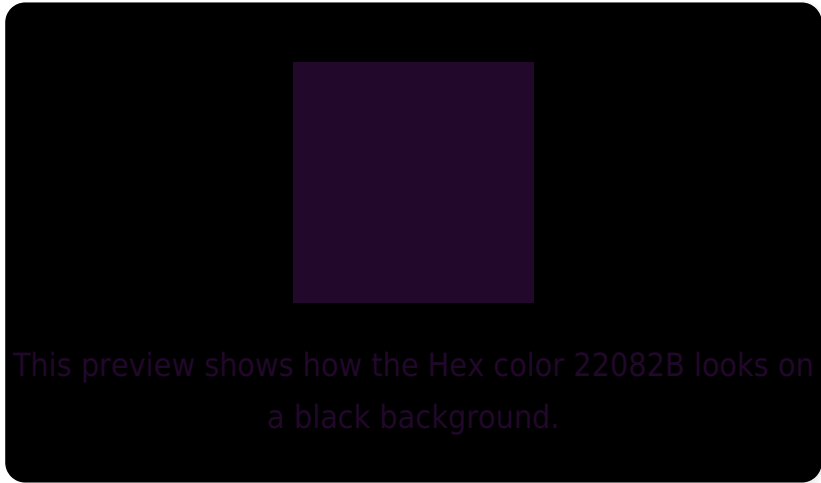
Large Text (above 18pt) WCAG AA ✓ Pass

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

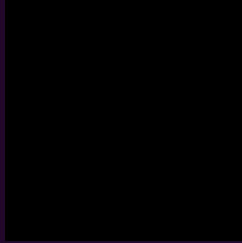
Any Text WCAG AA × Fail

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 22082B Background



This preview shows how black text looks on a background with the Hex color 22082B.



This preview shows how white text looks on a background with the Hex color 22082B.

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
22082B

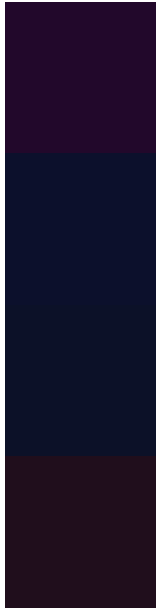
Protanopia
00152C

Deuteranopia
001627



Tritanopia
1F1213

Trichromacy



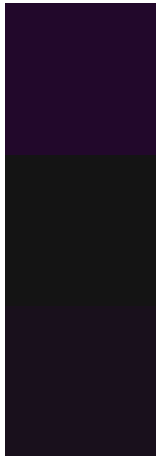
Original Color
22082B

Protanomaly
0C102C

Deuteranomaly
0C1128

Tritanomaly
200E1C

Monochromacy



Original Color
22082B

Achromatopsia
141414

Achromatomaly
19101C

CSS Examples

Text

The CSS property to change the color of the text to Hex 22082B 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 #22082B looks like.

```
.text, #text, p{  
    color:#22082B  
}
```

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 #22082B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22082B
}
```

Border

The CSS property to change the border of an element to Hex 22082B is called "border". The border property can be set on classes, ids or directly on the HTML element.

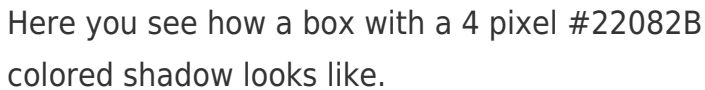
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22082B }
```

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

```
.border{ border-color:#22082B }
```

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



Here you see how a box with a 4 pixel #22082B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22082B; -webkit-box-shadow:4px 4px  
4px 4px #22082B; box-shadow:4px 4px 4px  
4px #22082B }
```

Background

The CSS property to change the background color of an element to Hex 22082B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22082B }
```

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

```
.background{ background-color:#22082B }
```

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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