

Converting Colors

Hex(221E3B)

Have a look what the booklet for
Hex(221E3B) contains.

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Color

Hex(221E3B)

Conversions

Conversions Part 1

Format	Color
Hex	221E3B
RGB	34, 30, 59
RGB Percent	13%, 12%, 23%
CMY	0.8667, 0.8824, 0.7686
CMYK	0.42, 0.49, 0.00, 0.77
HSL	248°, 33%, 17%
HSV	248°, 49%, 23%
XYZ	1.9134, 1.5844, 4.3426
YIQ	34.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

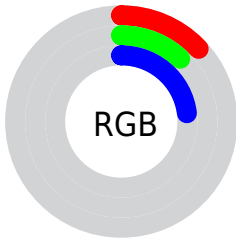
Format	Color
R_{YB}	34, 30, 59
Decimal	2235963
CIE _{Lab}	13.13, 10.44, -18.10
CIE _{LCh}	13, 20.893, 299.964
Yxy	1.5844, 0.2440, 0.2021
Android (android.graphics.Color)	4280426043 (0xFF221E3B)
YUV	34.5020, 12.0775, -0.4403
Hunter-Lab	12.5873, 5.1059, -11.6441

Details

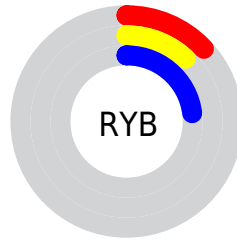
The Hex color **221E3B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **373B1E**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **504A6A**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **1D183B**, and if you desaturate by 10%, it is **27243B**.

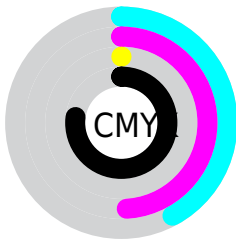
Distribution



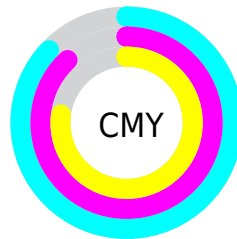
- Red (13%)
- Green (12%)
- Blue (23%)



- Red (13%)
- Yellow (12%)
- Blue (23%)



- Cyan (42%)
- Magenta (49%)
- Yellow (0%)
- Black (77%)



- Cyan (87%)
- Magenta (88%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221E3B 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 221E3B by changing the saturation by 10% instead.

■ 221E3B

■ 221E3B

FFFFFF

■ 0E0525

■ 504A6A

■ 00010F

■ 686184

■ 000000

■ 827A9E

■ 9C94B9

■ B7AFD5

■ D3CAF1

■ EFE6FF

■ 221E3B

■ 221E3B

■ 1D183B

■ 27243B

■ 18123B

■ 2C2A3B

■ 130C3B

■ 31303B

■ 0E063B

■ 36363B

■ 09003B

■ 3B3B3B

■ 08003B

■ 41413B

■ 46473B

■ 4B4D3B

■ 50533B

Harmonies

Analogous

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



00233F



221E3B



331831

Triad

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



221E3B



351C04



002921

Complementary

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



221E3B



373B1E

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.



072813



221E3B



2B2100

Square

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



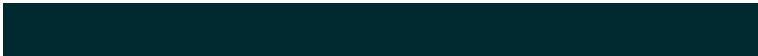
221E3B



3C1614



1C2503



002930

Rectangle

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



221E3B



3A1527



1C2503



00291C

Sweetspot

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



221E3B



43414D



1E373B



201F26



A6A6A6



262626

Same Dimension

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



221E3B



261F4D



301E3B



1C1C1F



0D005E



1F00DE

Inverse Universe

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



3B1E37



4D1F46



293B1E



1F1C1E



5E0051



DE00BF

Previews

White Background



This preview shows how the Hex color 221E3B looks on a white background.

Color Contrast Check

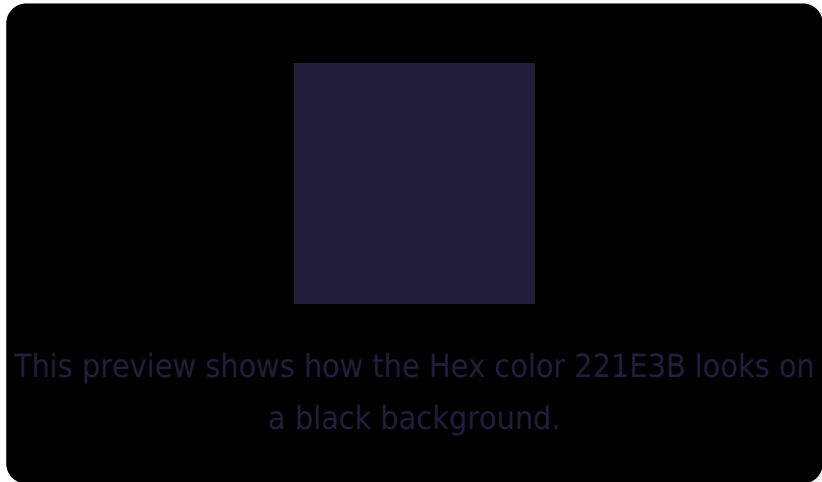
Large Text (above 18pt) WCAG AA ✓ Pass

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

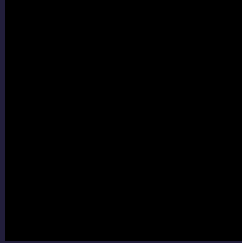
Any Text WCAG AA × Fail

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 221E3B Background



This preview shows how black text looks on a background with the Hex color 221E3B.



This preview shows how white text looks on a background with the Hex color 221E3B.

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
221E3B

Protanopia
14213E

Deuteranopia
10223A



Tritanopia
1D2326

Trichromacy



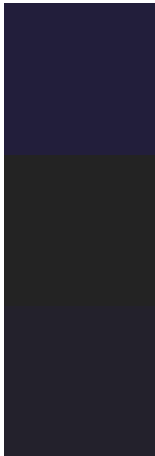
Original Color
221E3B

Protanomaly
19203D

Deuteranomaly
17213A

Tritanomaly
1F212E

Monochromacy



Original Color
221E3B

Achromatopsia
232323

Achromatomaly
23212C

CSS Examples

Text

The CSS property to change the color of the text to Hex 221E3B 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 #221E3B looks like.

```
.text, #text, p{  
    color:#221E3B  
}
```

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 #221E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221E3B  
}
```

Border

The CSS property to change the border of an element to Hex 221E3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

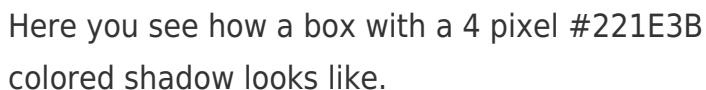
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#221E3B }
```

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

```
.border{ border-color:#221E3B }
```

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



Here you see how a box with a 4 pixel #221E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221E3B; -webkit-box-shadow:4px 4px  
4px 4px #221E3B; box-shadow:4px 4px 4px  
4px #221E3B }
```

Background

The CSS property to change the background color of an element to Hex 221E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221E3B }
```

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

```
.background{ background-color:#221E3B }
```

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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