

Converting Colors

Hex(231E39)

Have a look what the booklet for
Hex(231E39) contains.

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Color

Hex(231E39)

Conversions

Conversions Part 1

Format	Color
Hex	231E39
RGB	35, 30, 57
RGB Percent	14%, 12%, 22%
CMY	0.8627, 0.8824, 0.7765
CMYK	0.39, 0.47, 0.00, 0.78
HSL	251°, 31%, 17%
HSV	251°, 47%, 22%
XYZ	1.8959, 1.5813, 4.0762
YIQ	34.5730, -5.6870, 9.4570

Conversions

Conversions Part 2

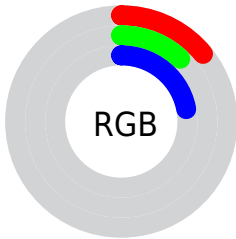
Format	Color
R_{YB}	35, 30, 57
Decimal	2301497
CIE _{Lab}	13.12, 10.10, -16.71
CIE _{LCh}	13, 19.523, 301.163
Yxy	1.5813, 0.2510, 0.2093
Android (android.graphics.Color)	4280491577 (0xFF231E39)
YUV	34.5730, 11.0565, 0.3745
Hunter-Lab	12.5749, 4.9066, -10.4166

Details

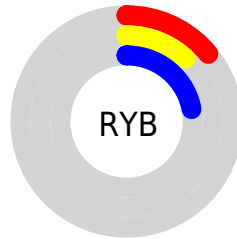
The Hex color **231E39** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **34391E**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **514A68**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **1E1839**, and if you desaturate by 10%, it is **282439**.

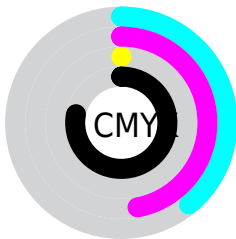
Distribution



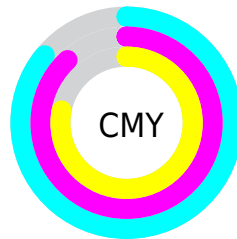
- Red (14%)
- Green (12%)
- Blue (22%)



- Red (14%)
- Yellow (12%)
- Blue (22%)



- Cyan (39%)
- Magenta (47%)
- Yellow (0%)
- Black (78%)



- Cyan (86%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 231E39 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 231E39 by changing the saturation by 10% instead.

■ 231E39

■ 231E39

FFFFFF

■ 100524

■ 514A68

■ 00000C

■ 696181

■ 000000

■ 827A9B

■ 9D94B6

■ B8AFD2

■ D3CAEE

■ F0E6FF

■ 231E39

■ 231E39

■ 1E1839

■ 282439

■ 1A1339

■ 2C2939

■ 150D39

■ 312F39

■ 100739

■ 363539

■ 0C0139

■ 3A3B39

■ 0B0039

■ 3F4039

■ 444639

■ 484C39

■ 4D5139

Harmonies

Analogous

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



06233D



231E39



33192F

Triad

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



231E39



341C06



002822

Complementary

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



231E39



34391E

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.



082714



231E39



2A2100

Square

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



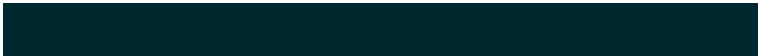
231E39



3A1714



1C2506



00282F

Rectangle

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



231E39



391626



1C2506



00281D

Sweetspot

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



231E39



42404A



1E3439



212026



A6A6A6



262626

Same Dimension

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



231E39



28204A



301E39



1A191C



11005C



2900DB

Inverse Universe

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



391E34



4A2042



27391E



1C191C



5C004B



DB00B3

Previews

White Background



This preview shows how the Hex color 231E39 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

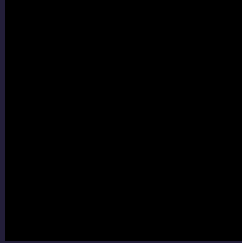
Any Text WCAG AA × Fail

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 231E39 Background



This preview shows how black text looks on a background with the Hex color 231E39.



This preview shows how white text looks on a background with the Hex color 231E39.

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

231E39

Protanopia

16213C

Deuteranopia

142238



Tritanopia
1E2325

Trichromacy



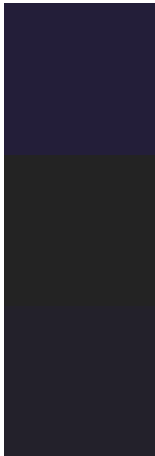
Original Color
231E39

Protanomaly
1B203B

Deuteranomaly
192138

Tritanomaly
20212C

Monochromacy



Original Color
231E39

Achromatopsia
232323

Achromatomaly
23212B

CSS Examples

Text

The CSS property to change the color of the text to Hex 231E39 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 #231E39 looks like.

```
.text, #text, p{  
    color:#231E39  
}
```

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 #231E39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #231E39
}
```

Border

The CSS property to change the border of an element to Hex 231E39 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
#231E39 }
```

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

```
.border{ border-color:#231E39 }
```

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

Here you see how a box with a 4 pixel #231E39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #231E39; -webkit-box-shadow:4px 4px  
4px 4px #231E39; box-shadow:4px 4px 4px  
4px #231E39 }
```

Background

The CSS property to change the background color of an element to Hex 231E39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#231E39 }
```

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

```
.background{ background-color:#231E39 }
```

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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