

Converting Colors

Hex(23172E)

Have a look what the booklet for
Hex(23172E) contains.

Hex(23172E)	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(23172E)

Conversions

Conversions Part 1

Format	Color
Hex	23172E
RGB	35, 23, 46
RGB Percent	14%, 9%, 18%
CMY	0.8627, 0.9098, 0.8196
CMYK	0.24, 0.50, 0.00, 0.82
HSL	271°, 33%, 14%
HSV	271°, 50%, 18%
XYZ	1.4927, 1.1674, 2.7314
YIQ	29.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

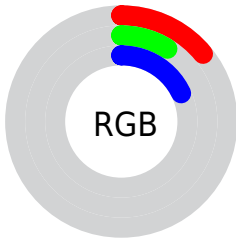
Format	Color
R_YB	35, 23, 46
Decimal	2299694
CIE Lab	10.31, 11.79, -13.18
CIE LCh	10, 17.680, 311.813
Yxy	1.1674, 0.2769, 0.2165
Android (android.graphics.Color)	4280489774 (0xFF23172E)
YUV	29.2100, 8.2775, 5.0778
Hunter-Lab	10.8045, 5.7524, -7.4256

Details

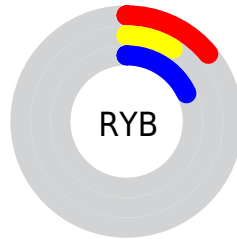
The Hex color **23172E** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **222E17**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **50425C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21122E**, and if you desaturate by 10%, it is **251C2E**.

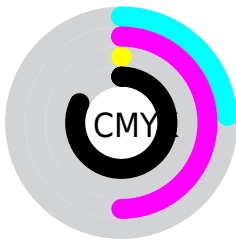
Distribution



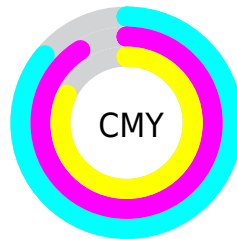
- Red (14%)
- Green (9%)
- Blue (18%)



- Red (14%)
- Yellow (9%)
- Blue (18%)



- Cyan (24%)
- Magenta (50%)
- Yellow (0%)
- Black (82%)



- Cyan (86%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23172E 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 23172E by changing the saturation by 10% instead.

■ 23172E

■ 23172E

■ FFF9FF

■ 10001A

■ 50425C

■ 000000

■ 685975

■ 82728E

■ 9C8BA9

■ B7A6C4

■ D2C1E0

■ EFDDFD

■ 23172E

■ 23172E

■ 21122E

■ 251C2E

■ 1F0E2E

■ 27202E

■ 1C092E

■ 2A252E

■ 1A052E

■ 2C292E

■ 18002E

■ 2E2E2E

■ 30332E

■ 32372E

■ 353C2E

■ 37402E

Harmonies

Analogous

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



0F1C33



23172E



2E1324

Triad

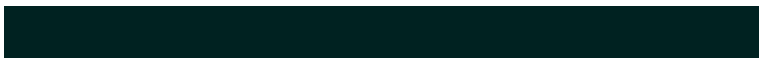
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23172E



2A1900



002221

Complementary

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



23172E



222E17

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.



002214



23172E



201D00

Square

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



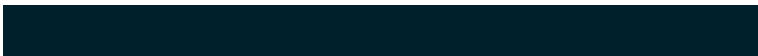
23172E



30140A



132005



00212C

Rectangle

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



23172E



32111C



132005



00221C

Sweetspot

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



23172E



36323B



17222E



1C191F



9E9E9E



1F1F1F

Same Dimension

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



23172E



2A173B



2E172E



161517



2D0057



7000D6

Inverse Universe

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



2E1722



3B1728



172E17



171516



570029



D60066

Previews

White Background



This preview shows how the Hex color 23172E looks on a white background.

Color Contrast Check

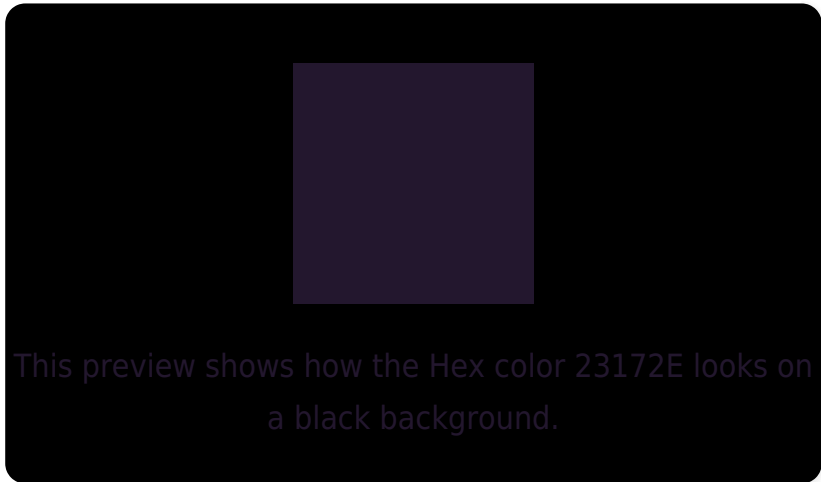
Large Text (above 18pt) WCAG AA ✓ Pass

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

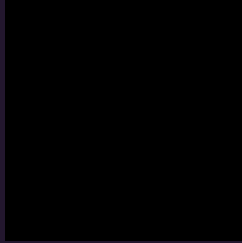
Any Text WCAG AA × Fail

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 23172E Background



This preview shows how black text looks on a background with the Hex color 23172E.



This preview shows how white text looks on a background with the Hex color 23172E.

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
23172E

Protanopia
121C32

Deuteranopia
131C2D

Trichromacy



Original Color

23172E

Protanomaly

181A31

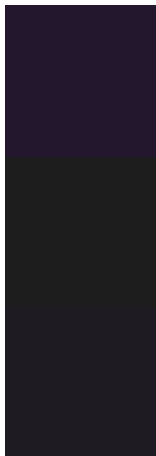
Deuteranomaly

191A2D

Tritanomaly

211A23

Monochromacy



Original Color

23172E

Achromatopsia

1D1D1D

Achromatomaly

1F1B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 23172E 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 #23172E looks like.

```
.text, #text, p{  
    color:#23172E  
}
```

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 #23172E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23172E
}
```

Border

The CSS property to change the border of an element to Hex 23172E is called "border". The border property can be set on classes, ids or directly on the HTML element.

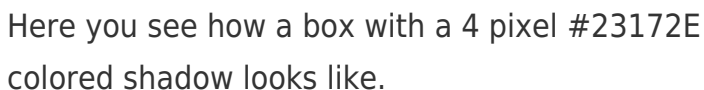
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23172E }
```

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

```
.border{ border-color:#23172E }
```

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



Here you see how a box with a 4 pixel #23172E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23172E; -webkit-box-shadow:4px 4px  
4px 4px #23172E; box-shadow:4px 4px 4px  
4px #23172E }
```

Background

The CSS property to change the background color of an element to Hex 23172E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23172E }
```

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

```
.background{ background-color:#23172E }
```

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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