

Converting Colors

Hex(223E3D)

Have a look what the booklet for
Hex(223E3D) contains.

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Color

Hex(223E3D)

Conversions

Conversions Part 1

Format	Color
Hex	223E3D
RGB	34, 62, 61
RGB Percent	13%, 24%, 24%
CMY	0.8667, 0.7569, 0.7608
CMYK	0.45, 0.00, 0.02, 0.76
HSL	178°, 29%, 19%
HSV	178°, 45%, 24%
XYZ	3.2246, 4.1223, 5.0406
YIQ	53.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

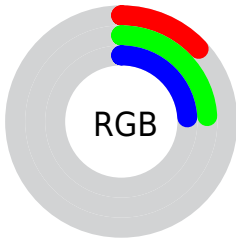
Format	Color
R_{YB}	34, 48, 62
Decimal	2244157
CIE _{Lab}	24.07, -10.86, -2.72
CIE _{LCh}	24, 11.195, 194.084
Yxy	4.1223, 0.2603, 0.3328
Android (android.graphics.Color)	4280434237 (0xFF223E3D)
YUV	53.5140, 3.6906, -17.1138
Hunter-Lab	20.3033, -7.1811, -0.5073

Details

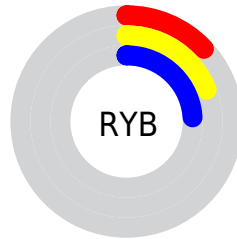
The Hex color **223E3D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3E2223**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **506E6C**, and **001413** is the 20% darker color. If you saturate the color by 10%, you get **1C3E3D**, and if you desaturate by 10%, it is **283E3D**.

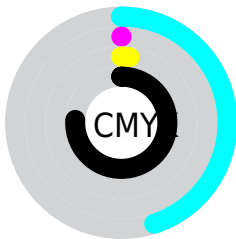
Distribution



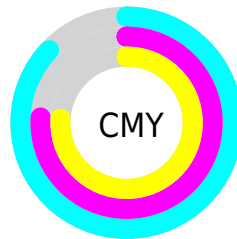
- Red (13%)
- Green (24%)
- Blue (24%)



- Red (13%)
- Yellow (19%)
- Blue (24%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (76%)



- Cyan (87%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223E3D 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 223E3D by changing the saturation by 10% instead.

■ 223E3D

■ 223E3D

FFFFFF

■ 0B2827

■ 506E6C

■ 001413

■ 698786

■ 000000

■ 83A1A0

■ 9DBCBB

■ B8D8D6

■ D4F5F3

■ F0FFFF

■ 223E3D

■ 223E3D

■ 1C3E3D

■ 283E3D

■ 163E3D

■ 2E3E3D

■ 0F3E3C

■ 353E3E

■ 093E3C

■ 3B3E3E

■ 033E3C

■ 413E3E

■ 003E3C

■ 473E3E

■ 4D3E3F

■ 543E3F

■ 5A3E3F

Harmonies

Analogous

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



293E34



223E3D



223D45

Triad

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



223E3D



3F3645



443729

Complementary

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



223E3D



3E2223

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.



49352E



223E3D



47343E

Square

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



223E3D



353949



4A3336



3B3A29

Rectangle

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



223E3D



263C48



4A3336



46362A

Sweetspot

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



223E3D



465251



233E22



222929



A8A8A8



292929

Same Dimension

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



223E3D



265250



22313E



1C1F1E



005E5B



00DED6

Inverse Universe

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



3E2223



522627



3E2F22



1F1C1C



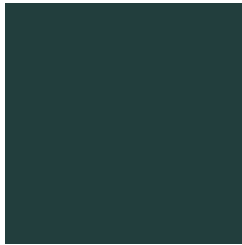
5E0003



DE0008

Previews

White Background



This preview shows how the Hex color 223E3D looks on a white background.

Color Contrast Check

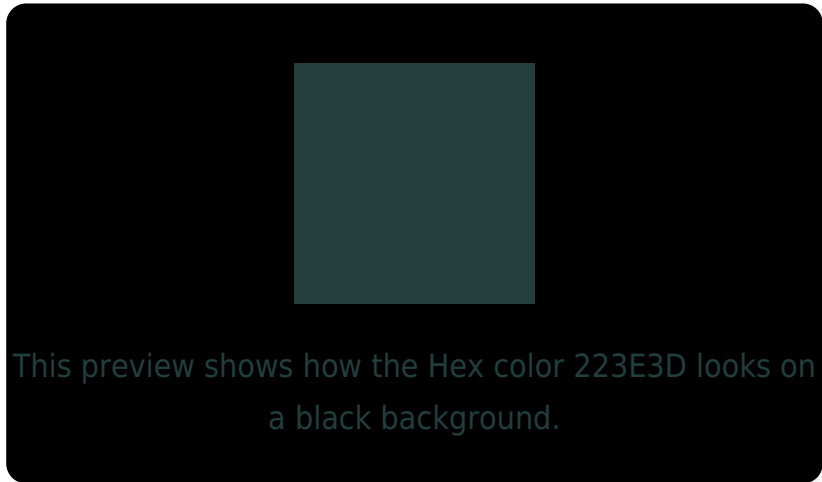
Large Text (above 18pt) WCAG AA ✓ Pass

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

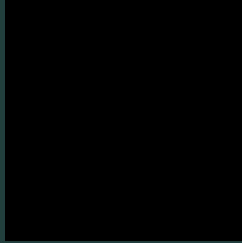
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

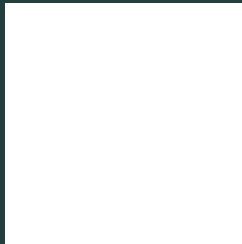
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 223E3D Background



This preview shows how black text looks on a background with the Hex color 223E3D.



This preview shows how white text looks on a background with the Hex color 223E3D.

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
223E3D

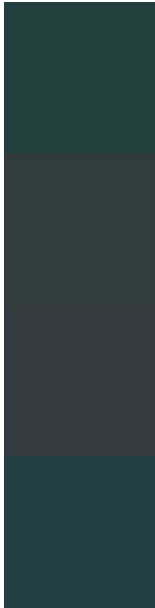
Protanopia
3A393A

Deuteranopia
3C383E



Tritanopia
243D42

Trichromacy



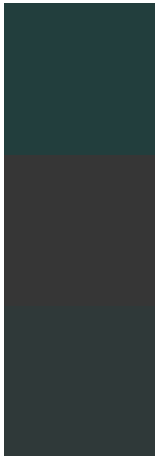
Original Color
223E3D

Protanomaly
313B3B

Deuteranomaly
333A3E

Tritanomaly
233D40

Monochromacy



Original Color
223E3D

Achromatopsia
363636

Achromatomaly
2F3939

CSS Examples

Text

The CSS property to change the color of the text to Hex 223E3D 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 #223E3D looks like.

```
.text, #text, p{  
    color:#223E3D  
}
```

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 #223E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223E3D
}
```

Border

The CSS property to change the border of an element to Hex 223E3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

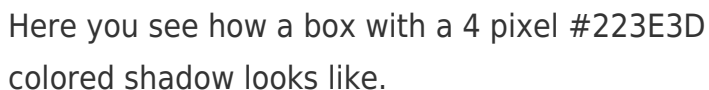
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#223E3D }
```

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

```
.border{ border-color:#223E3D }
```

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



Here you see how a box with a 4 pixel #223E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223E3D; -webkit-box-shadow:4px 4px  
4px 4px #223E3D; box-shadow:4px 4px 4px  
4px #223E3D }
```

Background

The CSS property to change the background color of an element to Hex 223E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223E3D }
```

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

```
.background{ background-color:#223E3D }
```

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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