

Converting Colors

Hex(223D47)

Have a look what the booklet for
Hex(223D47) contains.

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Color

Hex(223D47)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 223D47 |
| RGB | 34, 61, 71 |
| RGB Percent | 13%, 24%, 28% |
| CMY | 0.8667, 0.7608, 0.7216 |
| CMYK | 0.52, 0.14, 0.00, 0.72 |
| HSL | 196°, 35%, 21% |
| HSV | 196°, 52%, 28% |
| XYZ | 3.4658, 4.1325, 6.5762 |
| YIQ | 54.0670, -19.3020, -2.6140 |

Conversions

Conversions Part 2

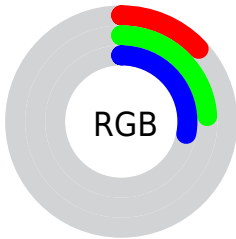
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 34, 50, 71 |
| Decimal | 2243911 |
| CIE Lab | 24.10, -7.06, -9.32 |
| CIE LCh | 24, 11.697, 232.854 |
| Yxy | 4.1325, 0.2445, 0.2915 |
| Android (android.graphics.Color) | 4280433991 (0xFF223D47) |
| YUV | 54.0670, 8.3480, -17.5988 |
| Hunter-Lab | 20.3286, -5.1430, -4.9501 |

Details

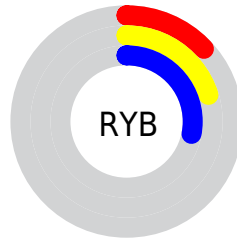
The Hex color **223D47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472C22**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **516C77**, and **00131C** is the 20% darker color. If you saturate the color by 10%, you get **1B3B47**, and if you desaturate by 10%, it is **293F47**.

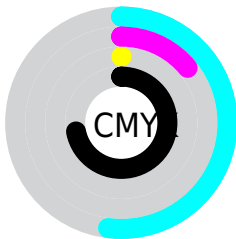
Distribution



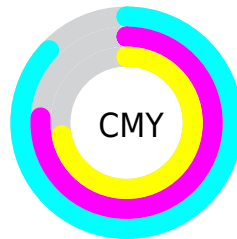
- Red (13%)
- Green (24%)
- Blue (28%)



- Red (13%)
- Yellow (20%)
- Blue (28%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (72%)



- Cyan (87%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223D47 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 223D47 by changing the saturation by 10% instead.

■ 223D47

■ 223D47

FFFFFF

■ 0A2731

■ 516C77

■ 00131C

■ 6A8691

■ 000000

■ 84A0AC

■ 9EBBC7

■ B9D7E3

■ D5F3FF

■ F2FFFF

■ 223D47

■ 223D47

■ 1B3B47

■ 293F47

■ 143947

■ 304147

■ 0D3747

■ 374347

■ 063547

■ 3E4547

■ 003447

■ 464747

■ 4D4947

■ 544A47

■ 5B4C47

■ 624E47

Harmonies

Analogous

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



203E40



223D47



2C3B4B

Triad

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



223D47



49333C



393B29

Complementary

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



223D47



472C22

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.



423828



223D47



4B3333

Square

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



223D47



433544



48352C



2F3D2E

Rectangle

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



223D47



34394A



48352C



3C3A28

Sweetspot

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



223D47



4D585C



22472C



252C2E



ADADAD



2E2E2E

Same Dimension

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



223D47



224C5C



222B47



202324



004963



00A6E3

Inverse Universe

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



47223D



5C224C



473E22



242023



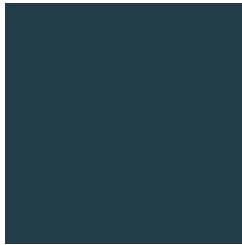
630049



E300A6

Previews

White Background



This preview shows how the Hex color 223D47 looks on a white background.

Color Contrast Check

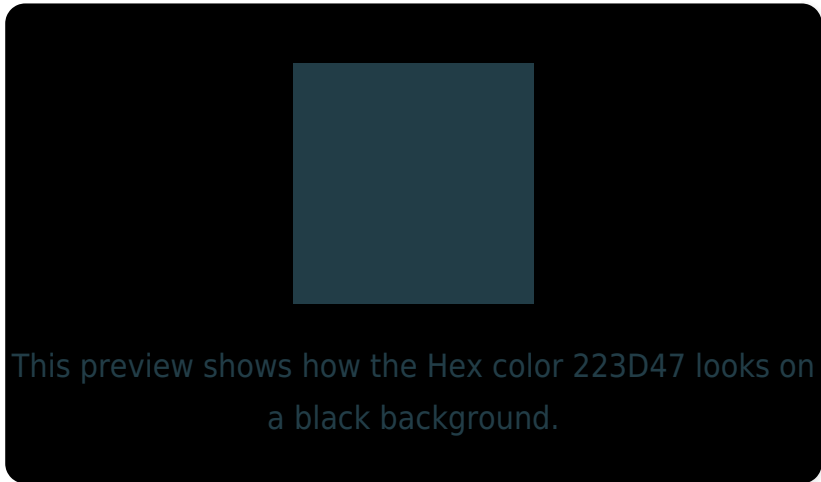
Large Text (above 18pt) WCAG AA ✓ Pass

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

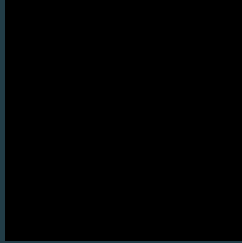
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

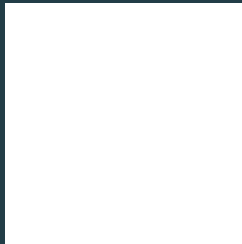
Any Text WCAG AAA × Fail

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

Hex 223D47 Background



This preview shows how black text looks on a background with the Hex color 223D47.



This preview shows how white text looks on a background with the Hex color 223D47.

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](#).

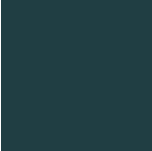
Dichromacy



Original Color
223D47

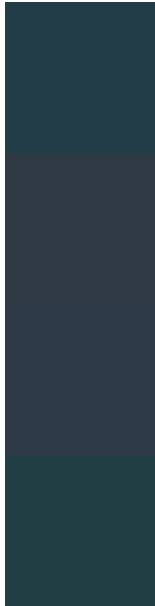
Protanopia
373944

Deuteranopia
373848



Tritanopia
203E43

Trichromacy



Original Color
223D47

Protanomaly
2F3A45

Deuteranomaly
2F3A48

Tritanomaly
213E44

Monochromacy



Original Color
223D47

Achromatopsia
363636

Achromatomaly
2F393C

CSS Examples

Text

The CSS property to change the color of the text to Hex 223D47 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 #223D47 looks like.

```
.text, #text, p{  
    color:#223D47  
}
```

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 #223D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223D47
}
```

Border

The CSS property to change the border of an element to Hex 223D47 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
#223D47 }
```

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

```
.border{ border-color:#223D47 }
```

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

Here you see how a box with a 4 pixel #223D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223D47; -webkit-box-shadow:4px 4px  
4px 4px #223D47; box-shadow:4px 4px 4px  
4px #223D47 }
```

Background

The CSS property to change the background color of an element to Hex 223D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223D47 }
```

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

```
.background{ background-color:#223D47 }
```

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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