

Converting Colors

Hex(223B4A)

Have a look what the booklet for
Hex(223B4A) contains.

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Color

Hex(223B4A)

Conversions

Conversions Part 1

Format	Color
Hex	223B4A
RGB	34, 59, 74
RGB Percent	13%, 23%, 29%
CMY	0.8667, 0.7686, 0.7098
CMYK	0.54, 0.20, 0.00, 0.71
HSL	202°, 37%, 21%
HSV	202°, 54%, 29%
XYZ	3.4597, 3.9624, 7.0610
YIQ	53.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

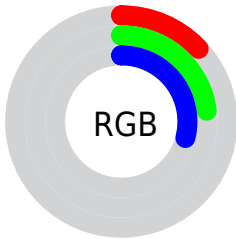
Format	Color
R_{YB}	34, 49, 74
Decimal	2243402
CIE _{Lab}	23.55, -4.76, -12.17
CIE _{LCh}	24, 13.065, 248.655
Yxy	3.9624, 0.2389, 0.2736
Android (android.graphics.Color)	4280433482 (0xFF223B4A)
YUV	53.2350, 10.2371, -16.8691
Hunter-Lab	19.9058, -3.8115, -7.0974

Details

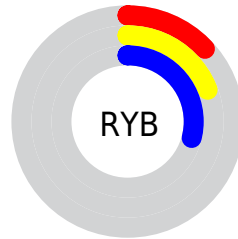
The Hex color **223B4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3122**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **516A7B**, and **00111E** is the 20% darker color. If you saturate the color by 10%, you get **1B384A**, and if you desaturate by 10%, it is **293E4A**.

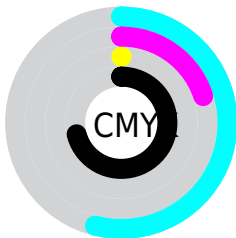
Distribution



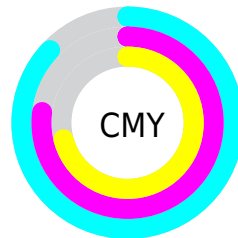
- Red (13%)
- Green (23%)
- Blue (29%)



- Red (13%)
- Yellow (19%)
- Blue (29%)



- Cyan (54%)
- Magenta (20%)
- Yellow (0%)
- Black (71%)



- Cyan (87%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223B4A 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 223B4A by changing the saturation by 10% instead.

■ 223B4A

■ 223B4A

FFFFFF

■ 0A2533

■ 516A7B

■ 00111E

■ 6A8395

■ 000003

■ 849DAF

■ 000000

■ 9FB8CB

■ BAD4E7

■ D6F0FF

■ F2FFFF

■ 223B4A

■ 223B4A

■ 1B384A

■ 293E4A

■ 13354A

■ 31414A

■ 0C334A

■ 38434A

■ 04304A

■ 40464A

■ 002E4A

■ 47494A

■ 4E4C4A

■ 564E4A

■ 5D514A

■ 65544A

Harmonies

Analogous

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



1A3D44



223B4A



30384B

Triad

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



223B4A



4C3136



313B29

Complementary

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



223B4A



4A3122

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.



3C3825



223B4A



4B322C

Square

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



223B4A



47323F



453526



263D31

Rectangle

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



223B4A



393649



453526



353A27

Sweetspot

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



223B4A



515B61



224A31



272D30



B0B0B0



303030

Same Dimension

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



223B4A



224961



22274A



222526



004066



008FE6

Inverse Universe

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



4A223B



612249



4A4522



262225



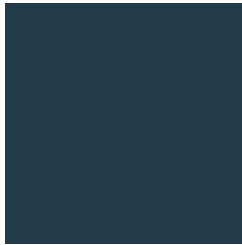
660040



E6008F

Previews

White Background



This preview shows how the Hex color 223B4A looks on a white background.

Color Contrast Check

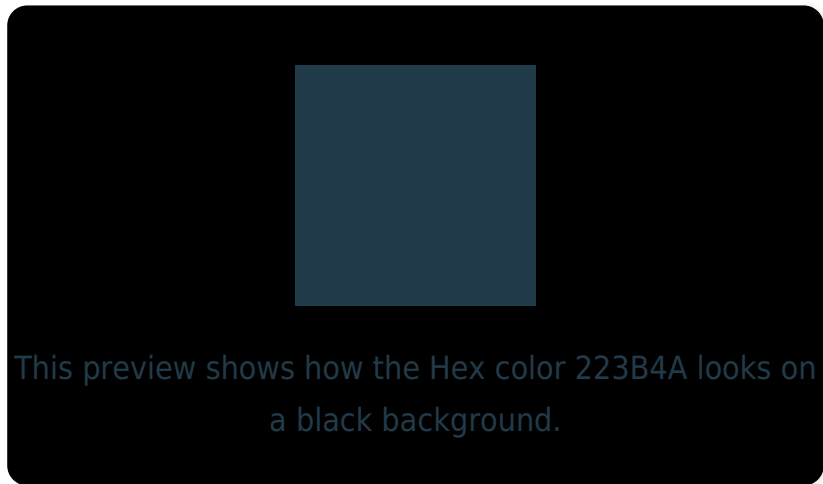
Large Text (above 18pt) WCAG AA ✓ Pass

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

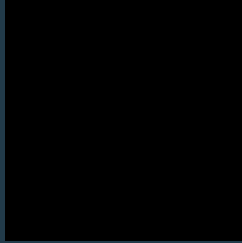
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

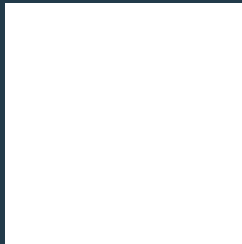
Any Text WCAG AAA × Fail

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

Hex 223B4A Background



This preview shows how black text looks on a background with the Hex color 223B4A.



This preview shows how white text looks on a background with the Hex color 223B4A.

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
223B4A

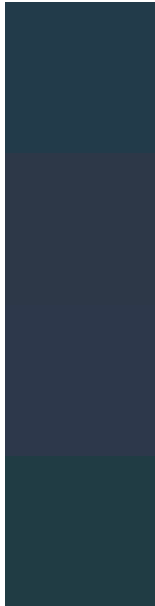
Protanopia
343747

Deuteranopia
33374B



Tritanopia
1F3D41

Trichromacy



Original Color
223B4A

Protanomaly
2D3848

Deuteranomaly
2D384B

Tritanomaly
203C44

Monochromacy



Original Color
223B4A

Achromatopsia
353535

Achromatomaly
2E373D

CSS Examples

Text

The CSS property to change the color of the text to Hex 223B4A 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 #223B4A looks like.

```
.text, #text, p{  
    color:#223B4A  
}
```

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 #223B4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223B4A
}
```

Border

The CSS property to change the border of an element to Hex 223B4A 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
#223B4A }
```

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

```
.border{ border-color:#223B4A }
```

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

Here you see how a box with a 4 pixel #223B4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223B4A; -webkit-box-shadow:4px 4px  
4px 4px #223B4A; box-shadow:4px 4px 4px  
4px #223B4A }
```

Background

The CSS property to change the background color of an element to Hex 223B4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223B4A }
```

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

```
.background{ background-color:#223B4A }
```

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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