

Converting Colors

Hex(224B4F)

Have a look what the booklet for
Hex(224B4F) contains.

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Color

Hex(224B4F)

Conversions

Conversions Part 1

Format	Color
Hex	224B4F
RGB	34, 75, 79
RGB Percent	13%, 29%, 31%
CMY	0.8667, 0.7059, 0.6902
CMYK	0.57, 0.05, 0.00, 0.69
HSL	185°, 40%, 22%
HSV	185°, 57%, 31%
XYZ	4.5870, 5.9367, 8.3013
YIQ	63.1970, -25.7200, -7.4480

Conversions

Conversions Part 2

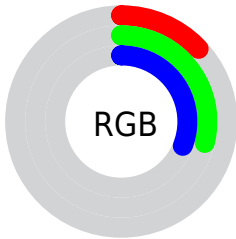
Format	Color
R_{YB}	34, 55, 79
Decimal	2247503
CIE Lab	29.25, -13.01, -6.78
CIE LCh	29, 14.675, 207.537
Yxy	5.9367, 0.2437, 0.3154
Android (android.graphics.Color)	4280437583 (0xFF224B4F)
YUV	63.1970, 7.7909, -25.6058
Hunter-Lab	24.3654, -9.0351, -3.1442

Details

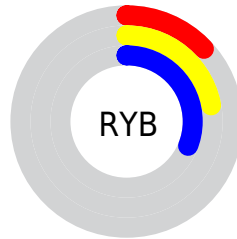
The Hex color **224B4F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F2622**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **537C80**, and **001F23** is the 20% darker color. If you saturate the color by 10%, you get **1A4A4F**, and if you desaturate by 10%, it is **2A4C4F**.

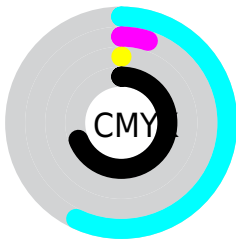
Distribution



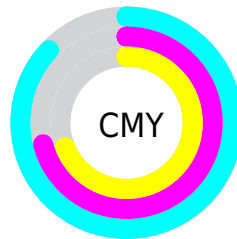
- Red (13%)
- Green (29%)
- Blue (31%)



- Red (13%)
- Yellow (22%)
- Blue (31%)



- Cyan (57%)
- Magenta (5%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224B4F 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 224B4F by changing the saturation by 10% instead.

■ 224B4F

■ 224B4F

FFFFFF

■ 073438

■ 537C80

■ 001F23

■ 6C969A

■ 00010D

■ 87B1B5

■ 000000

■ A1CCD0

■ BDE8ED

■ D9FFFF

■ F6FFFF

■ 224B4F

■ 224B4F

■ 1A4A4F

■ 2A4C4F

■ 124A4F

■ 324C4F

■ 0A494F

■ 3A4D4F

■ 02484F

■ 424E4F

■ 00484F

■ 4A4F4F

■ 514F4F

■ 59504F

■ 61514F

■ 69514F

Harmonies

Analogous

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



294B44



224B4F



274958

Triad

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



224B4F



533F51



4E442E

Complementary

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



224B4F



4F2622

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.



574032



224B4F



5A3D46

Square

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



224B4F



454259



5C3D3B



424731

Rectangle

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



224B4F



30475B



5C3D3B



51432F

Sweetspot

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



224B4F



556466



224F26



293233



B3B3B3



333333

Same Dimension

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



224B4F



216066



22354F



222626



005D66



00D1E6

Inverse Universe

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



4F224B



662160



4F3C22



262226



66005D



E600D1

Previews

White Background



This preview shows how the Hex color 224B4F looks on a white background.

Color Contrast Check

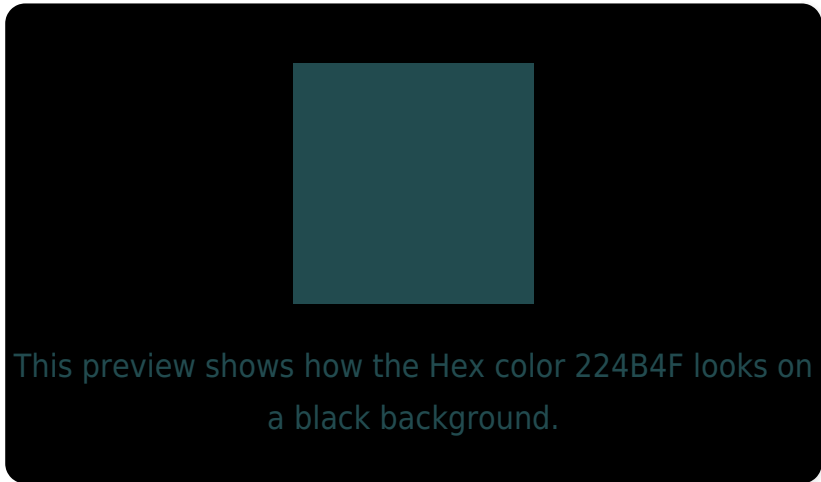
Large Text (above 18pt) WCAG AA ✓ Pass

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

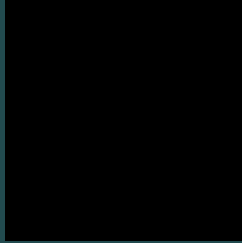
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

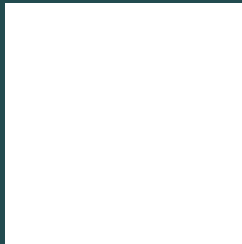
Any Text WCAG AAA × Fail

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

Hex 224B4F Background



This preview shows how black text looks on a background with the Hex color 224B4F.

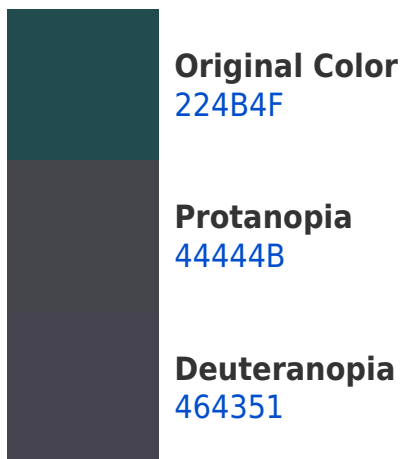


This preview shows how white text looks on a background with the Hex color 224B4F.

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](#).

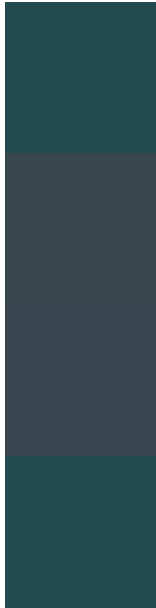
Dichromacy





Tritanopia
234B51

Trichromacy



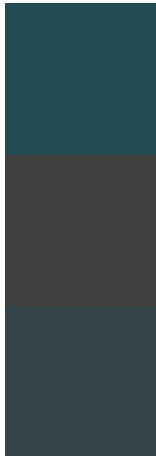
Original Color
224B4F

Protanomaly
38474C

Deuteranomaly
394650

Tritanomaly
234B50

Monochromacy



Original Color
224B4F

Achromatopsia
3F3F3F

Achromatomaly
344345

CSS Examples

Text

The CSS property to change the color of the text to Hex 224B4F 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 #224B4F looks like.

```
.text, #text, p{  
    color:#224B4F  
}
```

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 #224B4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224B4F
}
```

Border

The CSS property to change the border of an element to Hex 224B4F 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
#224B4F }
```

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

```
.border{ border-color:#224B4F }
```

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

Here you see how a box with a 4 pixel #224B4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224B4F; -webkit-box-shadow:4px 4px  
4px 4px #224B4F; box-shadow:4px 4px 4px  
4px #224B4F }
```

Background

The CSS property to change the background color of an element to Hex 224B4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224B4F }
```

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

```
.background{ background-color:#224B4F }
```

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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