

Converting Colors

Hex(224B53)

Have a look what the booklet for
Hex(224B53) contains.

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Color

Hex(224B53)

Conversions

Conversions Part 1

Format	Color
Hex	224B53
RGB	34, 75, 83
RGB Percent	13%, 29%, 33%
CMY	0.8667, 0.7059, 0.6745
CMYK	0.59, 0.10, 0.00, 0.67
HSL	190°, 42%, 23%
HSV	190°, 59%, 33%
XYZ	4.7371, 5.9968, 9.0914
YIQ	63.6530, -27.0040, -6.2040

Conversions

Conversions Part 2

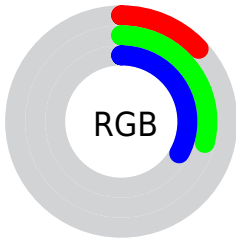
Format	Color
R_{YB}	34, 56, 83
Decimal	2247507
CIE _{Lab}	29.40, -11.70, -9.13
CIE _{LCh}	29, 14.845, 217.963
Yxy	5.9968, 0.2389, 0.3025
Android (android.graphics.Color)	4280437587 (0xFF224B53)
YUV	63.6530, 9.5381, -26.0057
Hunter-Lab	24.4883, -8.3249, -4.8700




Details

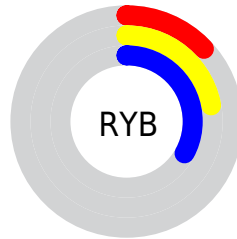
The Hex color **224B53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532A22**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **547C84**, and **001F26** is the 20% darker color. If you saturate the color by 10%, you get **1A4A53**, and if you desaturate by 10%, it is **2A4C53**.

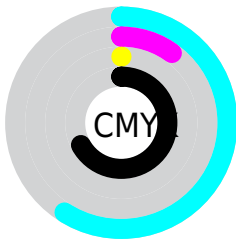
Distribution







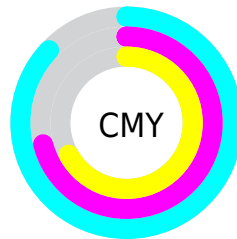
-  Red (13%)
-  Green (29%)
-  Blue (33%)






-  Red (13%)
-  Yellow (22%)
-  Blue (33%)



-  Cyan (59%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (87%)
-  Magenta (71%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224B53 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 224B53 by changing the saturation by 10% instead.

 224B53

 224B53

FFFFFF

 06343C

 547C84

 001F26

 6D969F

 000112

 87B0B9

 000000

 A2CCD5

 BDE8F2

 DAFFFF

 F6FFFF

 224B53

 224B53

■ 1A4A53

■ 2A4C53

■ 114853

■ 334E53

■ 094753

■ 3B4F53

■ 014653

■ 435053

■ 004553

■ 4B5253

■ 545353

■ 5C5453

■ 645653

■ 6D5753

Harmonies

Analogous

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



254C48



224B53



2B495A

Triad

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



224B53



573E4E



4A462E

Complementary

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



224B53



532A22

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.



554230



224B53



5C3D43

Square

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



224B53



4B4157



5B3E38



3E4933

Rectangle

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



224B53



35475C



5B3E38



4E442E

Sweetspot

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



224B53



58686B



225329



2A3436



B5B5B5



363636

Same Dimension

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



224B53



1F5F6B



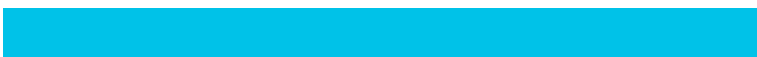
223353



252829



005769



00C2E8

Inverse Universe

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



53224B



6B1F5F



534222



292528



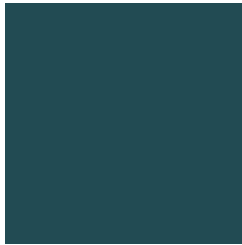
690057



E800C2

Previews

White Background



This preview shows how the Hex color 224B53 looks on a white background.

Color Contrast Check

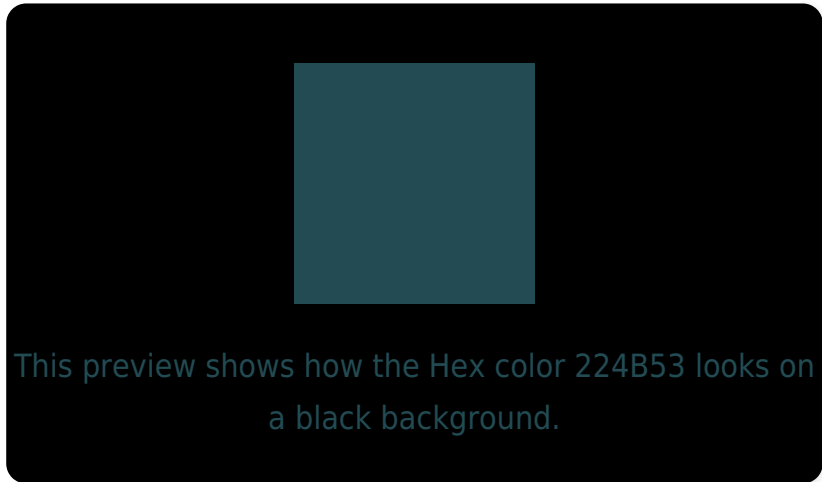
Large Text (above 18pt) WCAG AA ✓ Pass

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

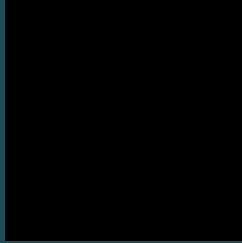
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

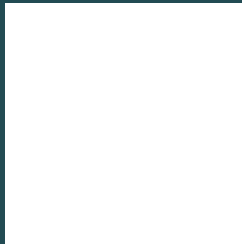
Any Text WCAG AAA × Fail

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

Hex 224B53 Background



This preview shows how black text looks on a background with the Hex color 224B53.



This preview shows how white text looks on a background with the Hex color 224B53.

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
224B53

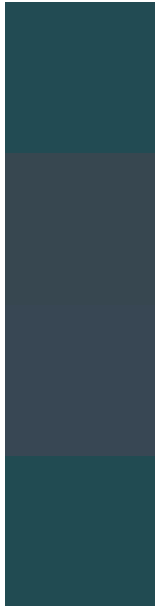
Protanopia
43454F

Deuteranopia
444455



Tritanopia
214B51

Trichromacy



Original Color
224B53

Protanomaly
374750

Deuteranomaly
384754

Tritanomaly
214B52

Monochromacy



Original Color
224B53

Achromatopsia
404040

Achromatomaly
354447

CSS Examples

Text

The CSS property to change the color of the text to Hex 224B53 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 #224B53 looks like.

```
.text, #text, p{  
    color:#224B53  
}
```

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 #224B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224B53
}
```

Border

The CSS property to change the border of an element to Hex 224B53 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".

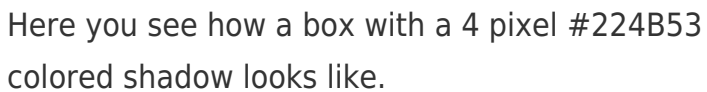
```
.border, #border, table{ border:4px solid
#224B53 }
```

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

```
.border{ border-color:#224B53 }
```

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

Here you see how a box with a 4 pixel #224B53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224B53; -webkit-box-shadow:4px 4px  
4px 4px #224B53; box-shadow:4px 4px 4px  
4px #224B53 }
```

Background

The CSS property to change the background color of an element to Hex 224B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224B53 }
```

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

```
.background{ background-color:#224B53 }
```

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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