

Converting Colors

Hex(224C51)

Have a look what the booklet for
Hex(224C51) contains.

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Color

Hex(224C51)

Conversions

Conversions Part 1

Format	Color
Hex	224C51
RGB	34, 76, 81
RGB Percent	13%, 30%, 32%
CMY	0.8667, 0.7020, 0.6824
CMYK	0.58, 0.06, 0.00, 0.68
HSL	186°, 41%, 23%
HSV	186°, 58%, 32%
XYZ	4.7293, 6.1030, 8.7133
YIQ	64.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

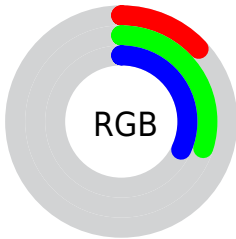
Format	Color
R_{YB}	34, 56, 81
Decimal	2247761
CIE _{Lab}	29.67, -12.95, -7.44
CIE _{LCh}	30, 14.940, 209.881
Yxy	6.1030, 0.2420, 0.3122
Android (android.graphics.Color)	4280437841 (0xFF224C51)
YUV	64.0120, 8.3751, -26.3205
Hunter-Lab	24.7043, -9.0610, -3.6188

Details

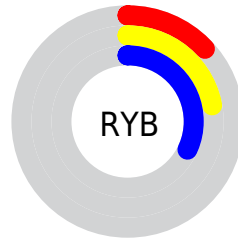
The Hex color **224C51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512722**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **537D82**, and **002024** is the 20% darker color. If you saturate the color by 10%, you get **1A4B51**, and if you desaturate by 10%, it is **2A4D51**.

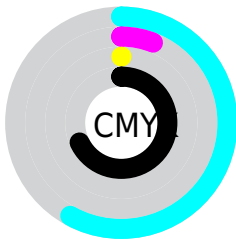
Distribution



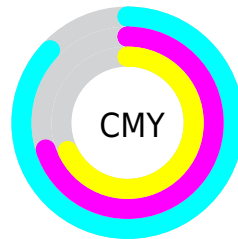
- Red (13%)
- Green (30%)
- Blue (32%)



- Red (13%)
- Yellow (22%)
- Blue (32%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (68%)



- Cyan (87%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224C51 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 224C51 by changing the saturation by 10% instead.

■ 224C51

■ 224C51

FFFFFF

■ 06353A

■ 537D82

■ 002024

■ 6D979C

■ 000110

■ 87B2B7

■ 000000

■ A2CDD3

■ BDE9EF

■ D9FFFF

■ F6FFFF

■ 224C51

■ 224C51

■ 1A4B51

■ 2A4D51

■ 124A51

■ 324E51

■ 0A4951

■ 3A4F51

■ 024951

■ 424F51

■ 004851

■ 4A5051

■ 535151

■ 5B5251

■ 635351

■ 6B5451

Harmonies

Analogous

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



284C45



224C51



284A5A

Triad

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



224C51



553F52



4E452F

Complementary

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



224C51



512722

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.



584132



224C51



5C3D46

Square

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



224C51



48435A



5D3E3B



424932

Rectangle

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



224C51



32485C



5D3E3B



52442F

Sweetspot

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



224C51



576769



225127



2B3436



B5B5B5



363636

Same Dimension

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



224C51



1F6169



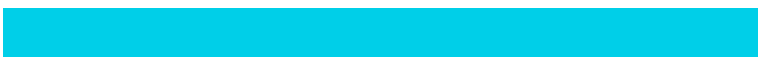
223551



252829



005D69



00CFE8

Inverse Universe

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



51224C



691F61



513E22



292528



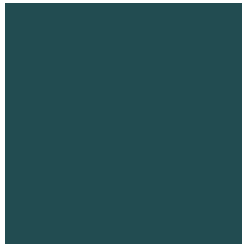
69005D



E800CF

Previews

White Background



This preview shows how the Hex color 224C51 looks on a white background.

Color Contrast Check

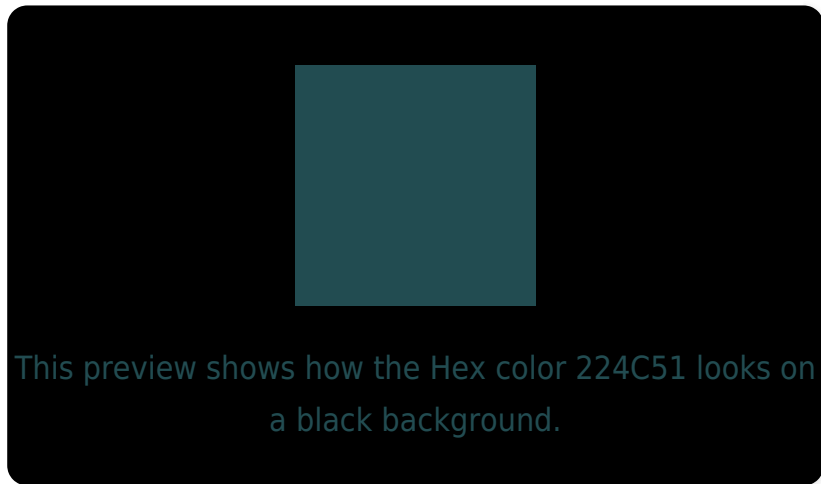
Large Text (above 18pt) WCAG AA ✓ Pass

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

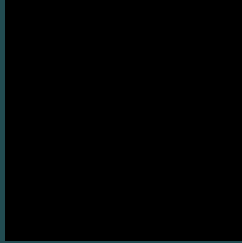
Any Text WCAG AA × Fail

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 224C51 Background



This preview shows how black text looks on a background with the Hex color 224C51.



This preview shows how white text looks on a background with the Hex color 224C51.

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

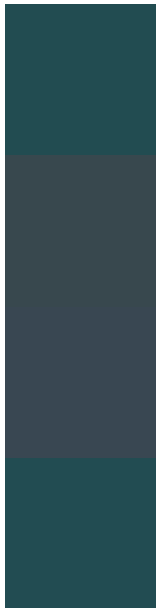


Original Color
224C51

Protanopia
45454D

Deuteranopia
464453

Trichromacy



Original Color
224C51

Protanomaly
38484E

Deuteranomaly
394752

Tritanomaly
224C52

Monochromacy



Original Color
224C51

Achromatopsia
404040

Achromatomaly
354446

CSS Examples

Text

The CSS property to change the color of the text to Hex 224C51 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 #224C51 looks like.

```
.text, #text, p{  
    color:#224C51  
}
```

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 #224C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224C51
}
```

Border

The CSS property to change the border of an element to Hex 224C51 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
#224C51 }
```

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

```
.border{ border-color:#224C51 }
```

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

Here you see how a box with a 4 pixel #224C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224C51; -webkit-box-shadow:4px 4px  
4px 4px #224C51; box-shadow:4px 4px 4px  
4px #224C51 }
```

Background

The CSS property to change the background color of an element to Hex 224C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224C51 }
```

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

```
.background{ background-color:#224C51 }
```

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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