

Converting Colors

Hex(224239)

Have a look what the booklet for
Hex(224239) contains.

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Color

Hex(224239)

Conversions

Conversions Part 1

Format	Color
Hex	224239
RGB	34, 66, 57
RGB Percent	13%, 26%, 22%
CMY	0.8667, 0.7412, 0.7765
CMYK	0.48, 0.00, 0.14, 0.74
HSL	163°, 32%, 20%
HSV	163°, 48%, 26%
XYZ	3.3464, 4.5319, 4.5693
YIQ	55.4060, -16.1830, -9.5830

Conversions

Conversions Part 2

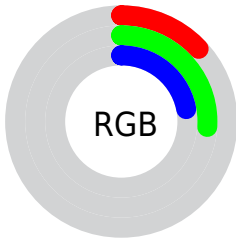
Format	Color
RYB	34, 53, 66
Decimal	2245177
CIELab	25.36, -14.39, 1.80
CIELCh	25, 14.500, 172.851
Yxy	4.5319, 0.2688, 0.3641
Android (android.graphics.Color)	4280435257 (0xFF224239)
YUV	55.4060, 0.7858, -18.7731
Hunter-Lab	21.2883, -9.1952, 2.1760

Details

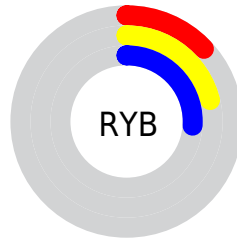
The Hex color **224239** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42222B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **517268**, and **00180E** is the 20% darker color. If you saturate the color by 10%, you get **1B4237**, and if you desaturate by 10%, it is **29423B**.

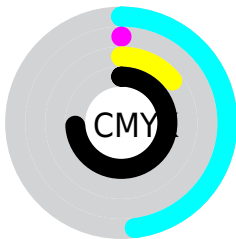
Distribution



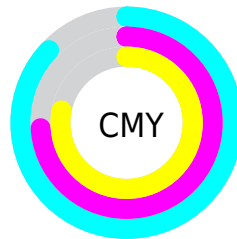
- Red (13%)
- Green (26%)
- Blue (22%)



- Red (13%)
- Yellow (21%)
- Blue (26%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (74%)



- Cyan (87%)
- Magenta (74%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224239 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 224239 by changing the saturation by 10% instead.

■ 224239

■ 224239

FFFFFF

■ 0B2C24

■ 517268

■ 00180E

■ 698C81

■ 000000

■ 83A69B

■ 9DC1B6

■ B8DDD1

■ D4FAEE

■ F1FFFF

■ 224239

■ 224239

■ 1B4237

■ 29423B

■ 154235

■ 2F423D

■ 0E4233

■ 36423F

■ 084232

■ 3C4240

■ 014230

■ 434242

■ 00422F

■ 4A4244

■ 504246

■ 574248

■ 5D424A

Harmonies

Analogous

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



2F412F



224239



194244

Triad

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



224239



3A3A50



4E372B

Complementary

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



224239



42222B

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.



523434



224239



483649

Square

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



224239



2A3E52



50343F



463B26

Rectangle

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



224239



1A414B



50343F



50362E

Sweetspot

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



224239



4A5753



2B4222



242B29



ABABAB



2B2B2B

Same Dimension

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



224239



245749



223B42



1E2120



006146



00E0A1

Inverse Universe

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



42222B



572433



422922



211E1F



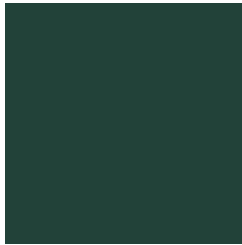
61001B



E0003F

Previews

White Background



This preview shows how the Hex color 224239 looks on a white background.

Color Contrast Check

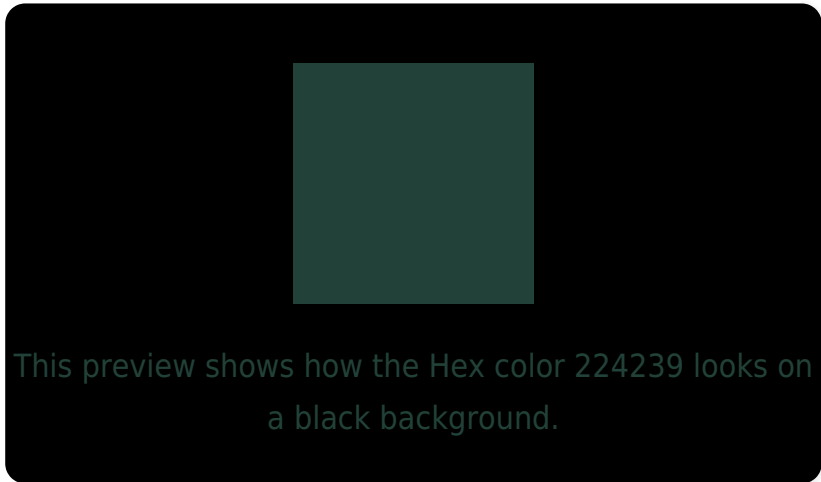
Large Text (above 18pt) WCAG AA ✓ Pass

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

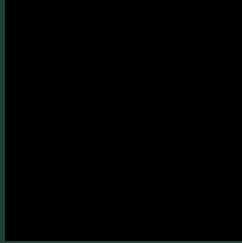
Any Text WCAG AA × Fail

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 224239 Background



This preview shows how black text looks on a background with the Hex color 224239.



This preview shows how white text looks on a background with the Hex color 224239.

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
224239

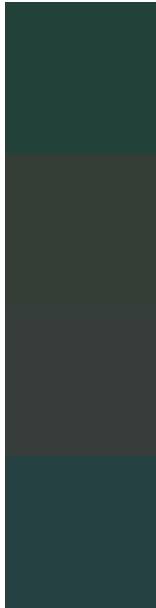
Protanopia
3E3C36

Deuteranopia
423A3B



Tritanopia
264045

Trichromacy



Original Color
224239

Protanomaly
343E37

Deuteranomaly
363D3A

Tritanomaly
254141

Monochromacy



Original Color
224239

Achromatopsia
373737

Achromatomaly
2F3B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 224239 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 #224239 looks like.

```
.text, #text, p{  
    color:#224239  
}
```

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 #224239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224239
}
```

Border

The CSS property to change the border of an element to Hex 224239 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
#224239 }
```

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

```
.border{ border-color:#224239 }
```

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

Here you see how a box with a 4 pixel #224239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224239; -webkit-box-shadow:4px 4px  
4px 4px #224239; box-shadow:4px 4px 4px  
4px #224239 }
```

Background

The CSS property to change the background color of an element to Hex 224239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224239 }
```

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

```
.background{ background-color:#224239 }
```

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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