

Converting Colors

Hex(224438)

Have a look what the booklet for
Hex(224438) contains.

Hex(224438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(224438)

Conversions

Conversions Part 1

Format	Color
Hex	224438
RGB	34, 68, 56
RGB Percent	13%, 27%, 22%
CMY	0.8667, 0.7333, 0.7804
CMYK	0.50, 0.00, 0.18, 0.73
HSL	159°, 33%, 20%
HSV	159°, 50%, 27%
XYZ	3.4406, 4.7598, 4.4788
YIQ	56.4660, -16.4120, -10.9400

Conversions

Conversions Part 2

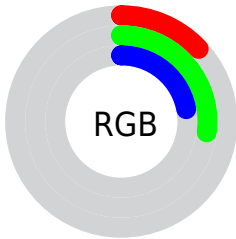
Format	Color
R_{YB}	34, 55, 68
Decimal	2245688
CIE _{Lab}	26.04, -15.80, 3.44
CIE _{LCh}	26, 16.174, 167.712
Yxy	4.7598, 0.2714, 0.3754
Android (android.graphics.Color)	4280435768 (0xFF224438)
YUV	56.4660, -0.2297, -19.7027
Hunter-Lab	21.8171, -10.0299, 3.1004

Details

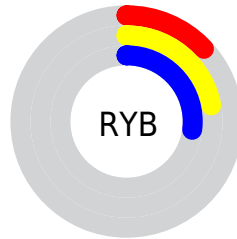
The Hex color **224438** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44222E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **517467**, and **001A0D** is the 20% darker color. If you saturate the color by 10%, you get **1B4436**, and if you desaturate by 10%, it is **29443A**.

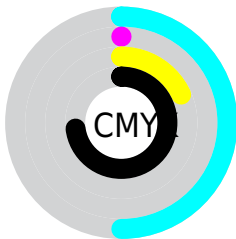
Distribution



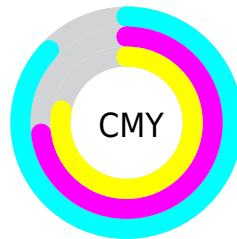
- Red (13%)
- Green (27%)
- Blue (22%)



- Red (13%)
- Yellow (22%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224438 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 224438 by changing the saturation by 10% instead.

 224438

 224438

FFFFFF

 0B2E23

 517467

 001A0D

 6A8E80

 000000

 83A99A

 9EC4B5

 B9E0D0

 D5FCEC

 F1FFFF

 224438

 224438

■ 1B4436

■ 29443A

■ 144433

■ 30443D

■ 0E4431

■ 36443F

■ 07442E

■ 3D4442

■ 00442C

■ 444444

■ 4B4446

■ 524449

■ 58444B

■ 5F444E

Harmonies

Analogous

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



31422D



224438



154445

Triad

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



224438



383C55



53372C

Complementary

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



224438



44222E

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.



563537



224438



48384E

Square

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



224438



254055



533543



4B3B26

Rectangle

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



224438



13444C



533543



55362F

Sweetspot

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



224438



4C5955



2E4422



262E2B



ADADAD



2E2E2E

Same Dimension

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



224438



245946



223F44



1E2120



00613F



00E091

Inverse Universe

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



44222E



592437



442722



211E1F



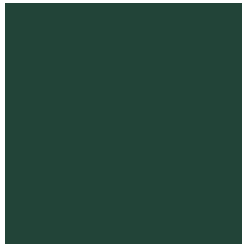
610022



E0004F

Previews

White Background



This preview shows how the Hex color 224438 looks on a white background.

Color Contrast Check

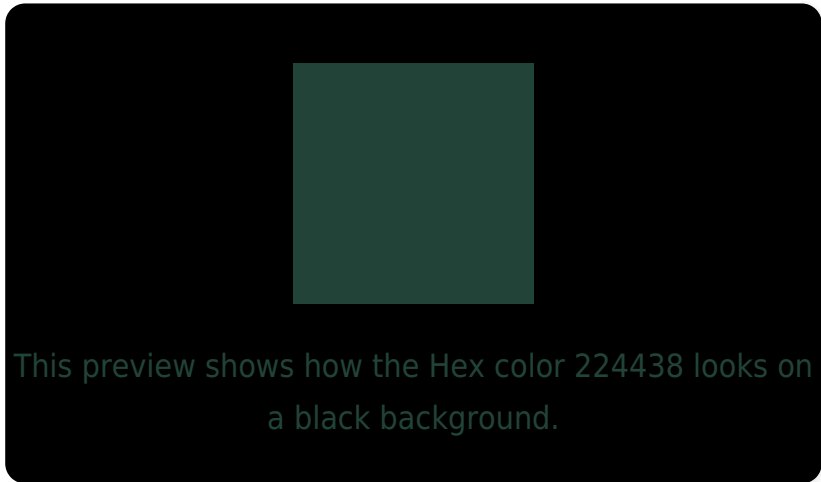
Large Text (above 18pt) WCAG AA ✓ Pass

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

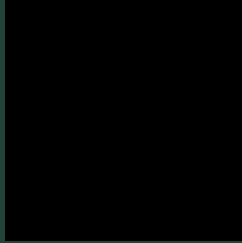
Any Text WCAG AA × Fail

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 224438 Background



This preview shows how black text looks on a background with the Hex color 224438.

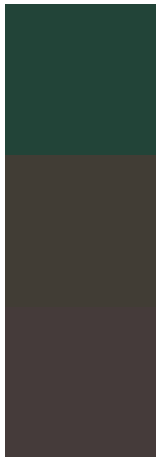


This preview shows how white text looks on a background with the Hex color 224438.

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
224438

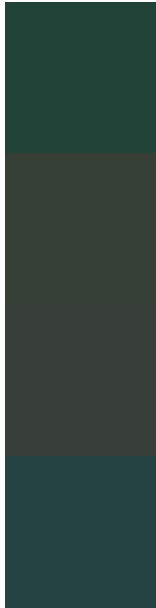
Protanopia
413D35

Deuteranopia
453B3A



Tritanopia
264247

Trichromacy



Original Color
224438

Protanomaly
364036

Deuteranomaly
383E39

Tritanomaly
254342

Monochromacy



Original Color
224438

Achromatopsia
383838

Achromatomaly
303C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 224438 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 #224438 looks like.

```
.text, #text, p{  
    color:#224438  
}
```

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 #224438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224438
}
```

Border

The CSS property to change the border of an element to Hex 224438 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
#224438 }
```

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

```
.border{ border-color:#224438 }
```

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

Here you see how a box with a 4 pixel #224438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224438; -webkit-box-shadow:4px 4px  
4px 4px #224438; box-shadow:4px 4px 4px  
4px #224438 }
```

Background

The CSS property to change the background color of an element to Hex 224438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224438 }
```

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

```
.background{ background-color:#224438 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor