

Converting Colors

Hex(224430)

Have a look what the booklet for
Hex(224430) contains.

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Color

Hex(224430)

Conversions

Conversions Part 1

Format	Color
Hex	224430
RGB	34, 68, 48
RGB Percent	13%, 27%, 19%
CMY	0.8667, 0.7333, 0.8118
CMYK	0.50, 0.00, 0.29, 0.73
HSL	145°, 33%, 20%
HSV	145°, 50%, 27%
XYZ	3.2603, 4.6877, 3.5293
YIQ	55.5540, -13.8440, -13.4280

Conversions

Conversions Part 2

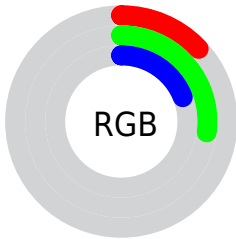
Format	Color
R_YB	34, 58, 68
Decimal	2245680
CIE Lab	25.83, -17.83, 8.35
CIE LCh	26, 19.682, 154.912
Yxy	4.6877, 0.2841, 0.4084
Android (android.graphics.Color)	4280435760 (0xFF224430)
YUV	55.5540, -3.7241, -18.9029
Hunter-Lab	21.6512, -11.0103, 5.4911

Details

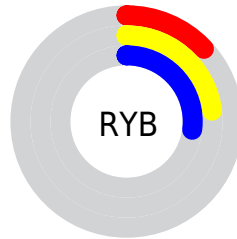
The Hex color **224430** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442236**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **51745E**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **1B442C**, and if you desaturate by 10%, it is **294434**.

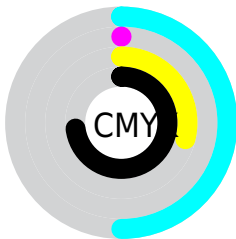
Distribution



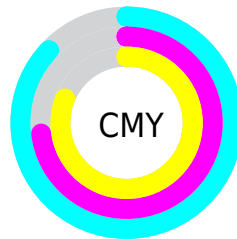
- Red (13%)
- Green (27%)
- Blue (19%)



- Red (13%)
- Yellow (23%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224430 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 224430 by changing the saturation by 10% instead.

■ 224430

■ 224430

FFFFFF

■ 0B2E1B

■ 51745E

■ 001A00

■ 698E77

■ 000000

■ 83A990

■ 9DC4AB

■ B9E0C6

■ D4FDE2

■ F1FFFF

■ 224430

■ 224430

■ 1B442C

■ 294434

■ 144428

■ 304438

■ 0E4424

■ 36443C

■ 074420

■ 3D4440

■ 00441C

■ 444444

■ 4B4448

■ 52444C

■ 584450

■ 5F4454

Harmonies

Analogous

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



354124



224430



09453F

Triad

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



224430



2B3E5B



59332D

Complementary

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



224430



442236

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.



59313B



224430



423856

Square

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



224430



0C4258



52334A



513822

Rectangle

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



224430



004549



52334A



5A3231

Sweetspot

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



224430



4C5951



364422



262E29



ADADAD



2E2E2E

Same Dimension

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



224430



24593A



224441



1E211F



006128



00E05C

Inverse Universe

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



442236



592443



442225



211E20



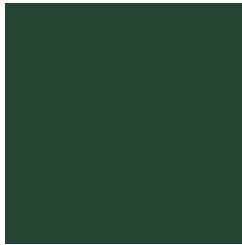
610039



E00084

Previews

White Background



This preview shows how the Hex color 224430 looks on a white background.

Color Contrast Check

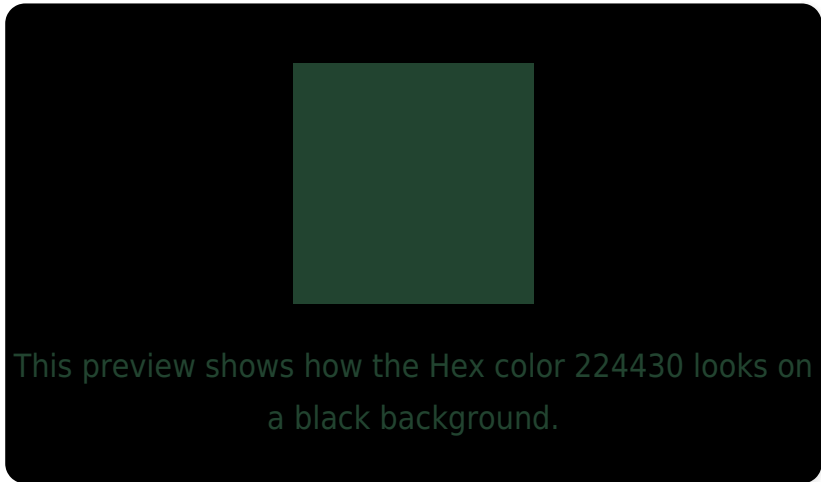
Large Text (above 18pt) WCAG AA ✓ Pass

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

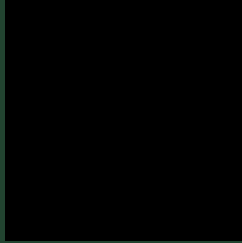
Any Text WCAG AA × Fail

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 224430 Background



This preview shows how black text looks on a background with the Hex color 224430.

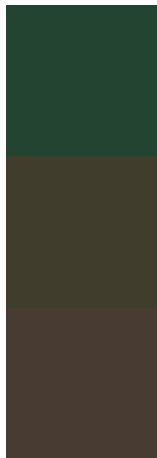


This preview shows how white text looks on a background with the Hex color 224430.

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](#).

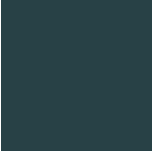
Dichromacy



Original Color
224430

Protanopia
413D2D

Deuteranopia
473B32



Tritanopia
284146

Trichromacy



Original Color
224430

Protanomaly
36402E

Deuteranomaly
3A3E31

Tritanomaly
26423E

Monochromacy



Original Color
224430

Achromatopsia
383838

Achromatomaly
303C35

CSS Examples

Text

The CSS property to change the color of the text to Hex 224430 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 #224430 looks like.

```
.text, #text, p{  
    color:#224430  
}
```

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 #224430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224430
}
```

Border

The CSS property to change the border of an element to Hex 224430 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
#224430 }
```

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

```
.border{ border-color:#224430 }
```

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

Here you see how a box with a 4 pixel #224430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224430; -webkit-box-shadow:4px 4px  
4px 4px #224430; box-shadow:4px 4px 4px  
4px #224430 }
```

Background

The CSS property to change the background color of an element to Hex 224430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224430 }
```

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

```
.background{ background-color:#224430 }
```

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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