

Converting Colors

Hex(224729)

Have a look what the booklet for
Hex(224729) contains.

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Color

Hex(224729)

Conversions

Conversions Part 1

Format	Color
Hex	224729
RGB	34, 71, 41
RGB Percent	13%, 28%, 16%
CMY	0.8667, 0.7216, 0.8392
CMYK	0.52, 0.00, 0.42, 0.72
HSL	131°, 35%, 21%
HSV	131°, 52%, 28%
XYZ	3.3132, 5.0067, 2.8896
YIQ	56.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

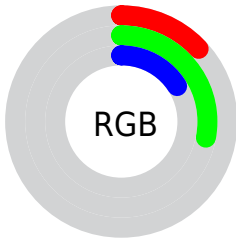
Format	Color
R_{YB}	34, 65, 71
Decimal	2246441
CIE _{Lab}	26.75, -20.95, 14.06
CIE _{LCh}	27, 25.230, 146.140
Yxy	5.0067, 0.2956, 0.4466
Android (android.graphics.Color)	4280436521 (0xFF224729)
YUV	56.5170, -7.6499, -19.7474
Hunter-Lab	22.3756, -12.7266, 8.0062

Details

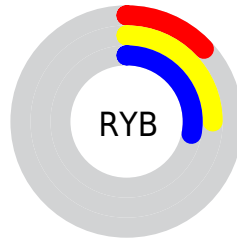
The Hex color **224729** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **472240**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **517857**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **1B4723**, and if you desaturate by 10%, it is **29472F**.

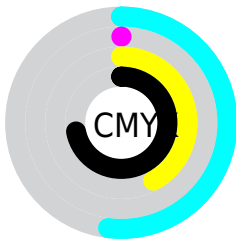
Distribution



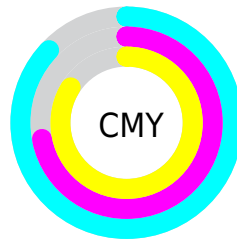
- Red (13%)
- Green (28%)
- Blue (16%)



- Red (13%)
- Yellow (25%)
- Blue (28%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (72%)



- Cyan (87%)
- Magenta (72%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224729 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 224729 by changing the saturation by 10% instead.

 224729

 224729

FFFFFF

 0A3014

 517857

 001D00

 6A926F

 000000

 84AC88

 9EC8A3

 BAE4BE

 D5FFDA

 F2FFF6

 224729

 224729

■ 1B4723

■ 29472F

■ 14471D

■ 304735

■ 0D4718

■ 37473A

■ 064712

■ 3E4740

■ 00470D

■ 464746

■ 4D474C

■ 544751

■ 5B4757

■ 62475D

Harmonies

Analogous

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



3A431B



224729



00493C

Triad

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



224729



154265



63302F

Complementary

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



224729



472240

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.



612F43



224729



3D3B62

Square

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



224729



00475F



553455



5B3620

Rectangle

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



224729



004949



553455



642F36

Sweetspot

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



224729



4D5C50



404722



252E27



ADADAD



2E2E2E

Same Dimension

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



224729



225C2D



22473B



202421



006313



00E32B

Inverse Universe

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



472240



5C2251



47222E



242023



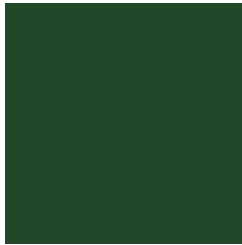
630051



E300B8

Previews

White Background



This preview shows how the Hex color 224729 looks on a white background.

Color Contrast Check

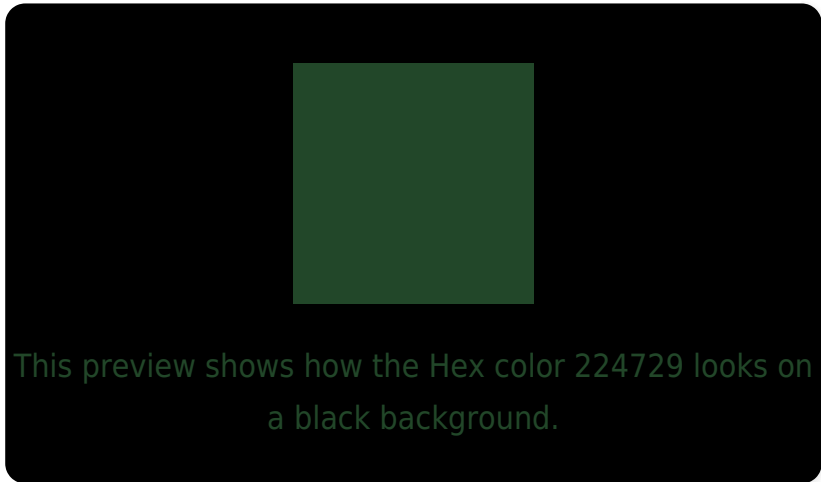
Large Text (above 18pt) WCAG AA ✓ Pass

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

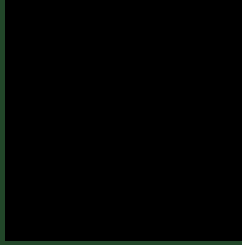
Any Text WCAG AA × Fail

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 224729 Background



This preview shows how black text looks on a background with the Hex color 224729.



This preview shows how white text looks on a background with the Hex color 224729.

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](#).

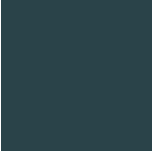
Dichromacy



Original Color
224729

Protanopia
453F26

Deuteranopia
4B3C2B



Tritanopia
2A4349

Trichromacy



Original Color
224729

Protanomaly
384227

Deuteranomaly
3C402A

Tritanomaly
27443D

Monochromacy



Original Color
224729

Achromatopsia
393939

Achromatomaly
313E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 224729 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 #224729 looks like.

```
.text, #text, p{  
    color:#224729  
}
```

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 #224729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224729
}
```

Border

The CSS property to change the border of an element to Hex 224729 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
#224729 }
```

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

```
.border{ border-color:#224729 }
```

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

Here you see how a box with a 4 pixel #224729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224729; -webkit-box-shadow:4px 4px  
4px 4px #224729; box-shadow:4px 4px 4px  
4px #224729 }
```

Background

The CSS property to change the background color of an element to Hex 224729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224729 }
```

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

```
.background{ background-color:#224729 }
```

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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