

Converting Colors

Hex(224242)

Have a look what the booklet for
Hex(224242) contains.

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Color

Hex(224242)

Conversions

Conversions Part 1

Format	Color
Hex	224242
RGB	34, 66, 66
RGB Percent	13%, 26%, 26%
CMY	0.8667, 0.7412, 0.7412
CMYK	0.48, 0.00, 0.00, 0.74
HSL	180°, 32%, 20%
HSV	180°, 48%, 26%
XYZ	3.5913, 4.6299, 5.8586
YIQ	56.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

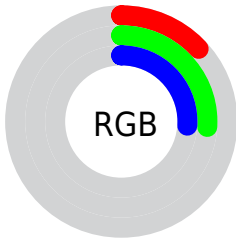
Format	Color
R_{YB}	34, 50, 66
Decimal	2245186
CIE Lab	25.65, -11.76, -3.69
CIE LCh	26, 12.324, 197.418
Yxy	4.6299, 0.2551, 0.3288
Android (android.graphics.Color)	4280435266 (0xFF224242)
YUV	56.4320, 4.7170, -19.6729
Hunter-Lab	21.5171, -7.8627, -1.0814




Details

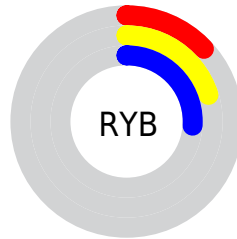
The Hex color **224242** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **422222**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **517272**, and **001817** is the 20% darker color. If you saturate the color by 10%, you get **1B4242**, and if you desaturate by 10%, it is **294242**.

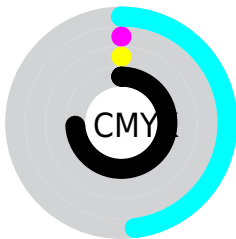
Distribution







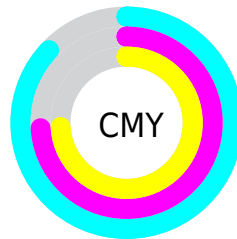
-  Red (13%)
-  Green (26%)
-  Blue (26%)






-  Red (13%)
-  Yellow (20%)
-  Blue (26%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 224242 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 224242 by changing the saturation by 10% instead.

■ 224242

■ 224242

FFFFFF

■ 0A2C2C

■ 517272

■ 001817

■ 6A8C8B

■ 000000

■ 84A6A6

■ 9EC1C1

■ B9DDDD

■ D5FAF9

■ F2FFFF

■ 224242

■ 224242

■ 1B4242

■ 294242

■ 154242

■ 2F4242

■ 0E4242

■ 364242

■ 084242

■ 3C4242

■ 014242

■ 434242

■ 004242

■ 4A4242

■ 504242

■ 574242

■ 5D4242

Harmonies

Analogous

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



294238



224242



23414A

Triad

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



224242



453949



473B2B

Complementary

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



224242



422222

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.



4E382F



224242



4D3641

Square

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



224242



393C4E



503638



3E3E2B

Rectangle

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



224242



28404E



503638



4A3A2C

Sweetspot

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



224242



4A5757



224222



242B2B



ABABAB



2B2B2B

Same Dimension

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



224242



245757



223242



1E2121



006161



00E0E0

Inverse Universe

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



422242



572457



423222



211E21



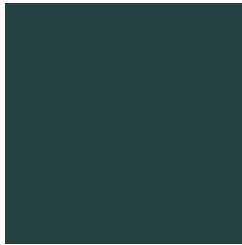
610061



E000E0

Previews

White Background



This preview shows how the Hex color 224242 looks on a white background.

Color Contrast Check

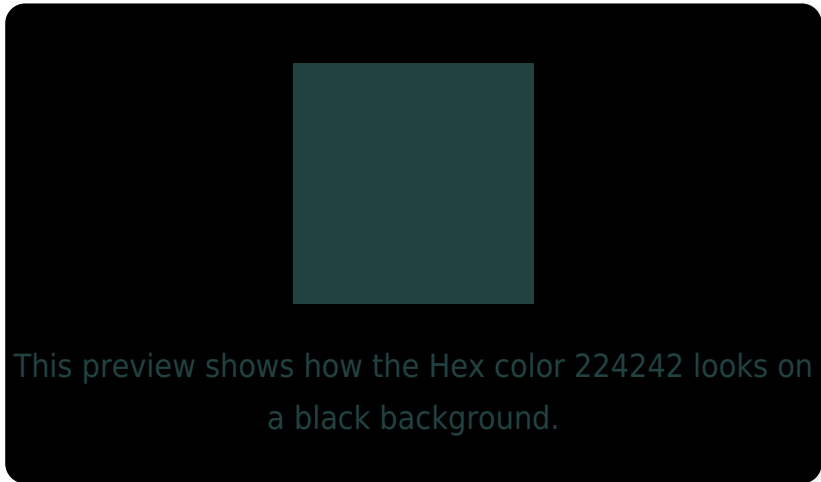
Large Text (above 18pt) WCAG AA ✓ Pass

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

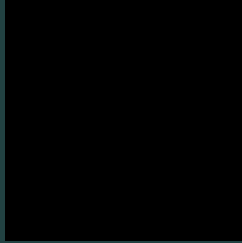
Any Text WCAG AA × Fail

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 224242 Background



This preview shows how black text looks on a background with the Hex color 224242.



This preview shows how white text looks on a background with the Hex color 224242.

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](#).

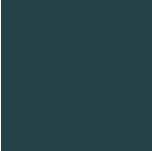
Dichromacy



Original Color
224242

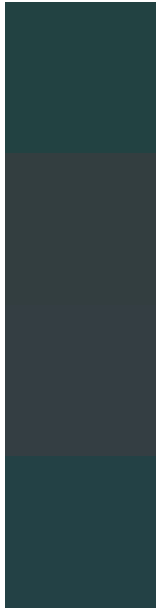
Protanopia
3D3C3F

Deuteranopia
3F3B44



Tritanopia
244147

Trichromacy



Original Color
224242

Protanomaly
333E40

Deuteranomaly
343E43

Tritanomaly
234145

Monochromacy



Original Color
224242

Achromatopsia
383838

Achromatomaly
303C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 224242 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 #224242 looks like.

```
.text, #text, p{  
    color:#224242  
}
```

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 #224242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224242
}
```

Border

The CSS property to change the border of an element to Hex 224242 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
#224242 }
```

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

```
.border{ border-color:#224242 }
```

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

Here you see how a box with a 4 pixel #224242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224242; -webkit-box-shadow:4px 4px  
4px 4px #224242; box-shadow:4px 4px 4px  
4px #224242 }
```

Background

The CSS property to change the background color of an element to Hex 224242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224242 }
```

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

```
.background{ background-color:#224242 }
```

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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