

Converting Colors

Hex(223922)

Have a look what the booklet for
Hex(223922) contains.

Hex(223922)	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(223922)

Conversions

Conversions Part 1

Format	Color
Hex	223922
RGB	34, 57, 34
RGB Percent	13%, 22%, 13%
CMY	0.8667, 0.7765, 0.8667
CMYK	0.40, 0.00, 0.40, 0.78
HSL	120°, 25%, 18%
HSV	120°, 40%, 22%
XYZ	2.4115, 3.3818, 2.0390
YIQ	47.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

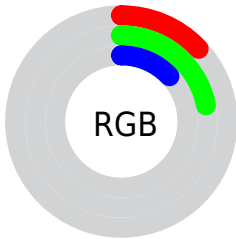
Format	Color
RYB	34, 57, 57
Decimal	2242850
CIELab	21.51, -14.77, 11.57
CIELCh	22, 18.758, 141.935
Yxy	3.3818, 0.3079, 0.4318
Android (android.graphics.Color)	4280432930 (0xFF223922)
YUV	47.5010, -6.6560, -11.8404
Hunter-Lab	18.3898, -8.7744, 6.2988

Details

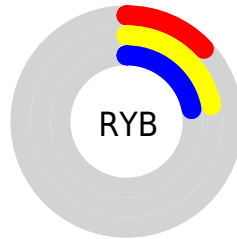
The Hex color **223922** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **392239**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **50684F**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **1C391C**, and if you desaturate by 10%, it is **283928**.

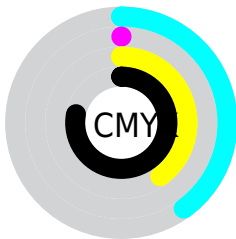
Distribution



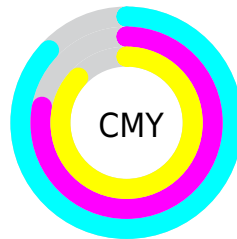
- Red (13%)
- Green (22%)
- Blue (13%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 223922 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 223922 by changing the saturation by 10% instead.

■ 223922

■ 223922

FFFFFF

■ 0D230D

■ 50684F

■ 000A00

■ 688167

■ 000000

■ 819B80

■ 9BB69A

■ B6D2B4

■ D2EED0

■ EEFFEC

■ 223922

■ 223922

■ 1C391C

■ 283928

■ 173917

■ 2D392D

■ 113911

■ 333933

■ 0B390B

■ 393939

■ 053905

■ 3F393F

■ 003900

■ 443944

■ 4A394A

■ 503950

■ 553955

Harmonies

Analogous

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



323619



223922



0D3B2F

Triad

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



223922



16364F



4E292A

Complementary

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



223922



392239

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.



4C2938



223922



2F314D

Square

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



223922



003949



412C45



4A2D1E

Rectangle

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



223922



003B39



412C45



4E292F

Sweetspot

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



223922



414A41



393922



212621



A6A6A6



262626

Same Dimension

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



223922



264A26



22392E



191C19



005C00



00DB00

Inverse Universe

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



392239



4A264A



39222E



1C191C



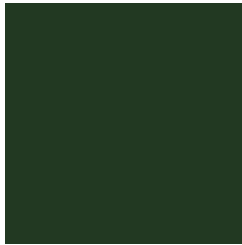
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 223922 looks on a white background.

Color Contrast Check

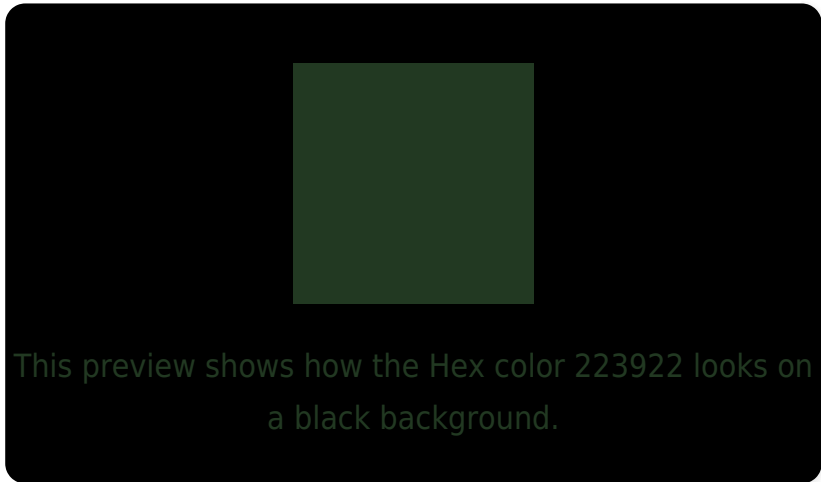
Large Text (above 18pt) WCAG AA ✓ Pass

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

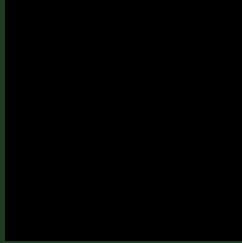
Any Text WCAG AA × Fail

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 223922 Background



This preview shows how black text looks on a background with the Hex color 223922.



This preview shows how white text looks on a background with the Hex color 223922.

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](#).

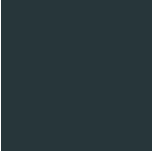
Dichromacy



Original Color
223922

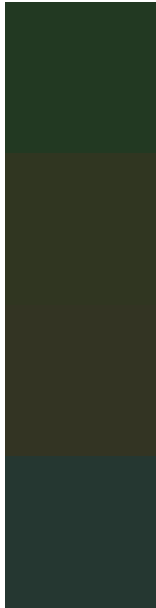
Protanopia
383420

Deuteranopia
3D3124



Tritanopia
27363A

Trichromacy



Original Color
223922

Protanomaly
303621

Deuteranomaly
333423

Tritanomaly
253731

Monochromacy



Original Color
223922

Achromatopsia
303030

Achromatomaly
2B332B

CSS Examples

Text

The CSS property to change the color of the text to Hex 223922 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 #223922 looks like.

```
.text, #text, p{  
    color:#223922  
}
```

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 #223922 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223922
}
```

Border

The CSS property to change the border of an element to Hex 223922 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".

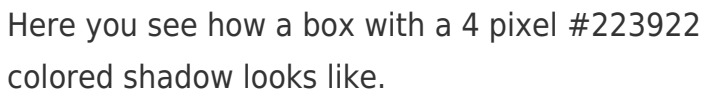
```
.border, #border, table{ border:4px solid
#223922 }
```

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

```
.border{ border-color:#223922 }
```

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

Here you see how a box with a 4 pixel #223922 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223922; -webkit-box-shadow:4px 4px  
4px 4px #223922; box-shadow:4px 4px 4px  
4px #223922 }
```

Background

The CSS property to change the background color of an element to Hex 223922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223922 }
```

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

```
.background{ background-color:#223922 }
```

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