

Converting Colors

Hex(223804)

Have a look what the booklet for
Hex(223804) contains.

Hex(223804)	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(223804)

Conversions

Conversions Part 1

Format	Color
Hex	223804
RGB	34, 56, 4
RGB Percent	13%, 22%, 2%
CMY	0.8667, 0.7804, 0.9843
CMYK	0.39, 0.00, 0.93, 0.78
HSL	85°, 87%, 12%
HSV	85°, 93%, 22%
XYZ	2.0958, 3.1772, 0.6177
YIQ	43.4940, 3.5800, -20.8360

Conversions

Conversions Part 2

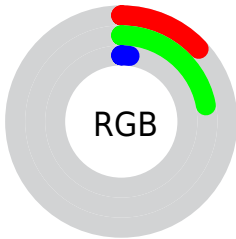
Format	Color
RYB	4, 56, 26
Decimal	2242564
CIELab	20.74, -18.15, 26.92
CIELCh	21, 32.473, 123.991
Yxy	3.1772, 0.3558, 0.5394
Android (android.graphics.Color)	4280432644 (0xFF223804)
YUV	43.4940, -19.4705, -8.3262
Hunter-Lab	17.8247, -10.2057, 10.4227

Details

The Hex color **223804** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1A0438**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **516732**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **203800**, and if you desaturate by 10%, it is **24380A**.

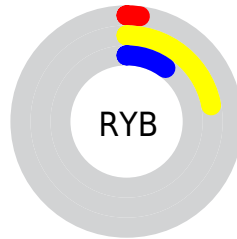
Distribution



Red (13%)

Green (22%)

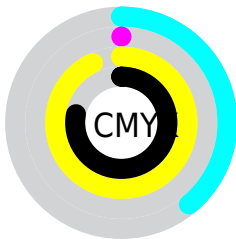
Blue (2%)



Red (2%)

Yellow (22%)

Blue (10%)

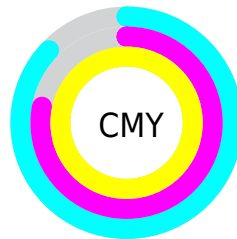


Cyan (39%)

Magenta (0%)

Yellow (93%)

Black (78%)



Cyan (87%)

Magenta (78%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223804 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 223804 by changing the saturation by 10% instead.

 223804

 223804

 FFFFE8

 0B2200

 516732

 000500

 6A804A

 000000

 839A62

 9EB57B

 B9D195

 D5EDB0

 F2FFCC

 223804

 223804

■ 203800

■ 24380A

■ 27380F

■ 293815

■ 2B381A

■ 2E3820

■ 303826

■ 33382B

■ 353831

■ 373836

Harmonies

Analogous

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



3B3200



223804



003B1C

Triad

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



223804



003A5D



5C1930

Complementary

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



223804



1A0438

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.



511F47



223804



003462

Square

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



223804



003D4C



362A5A



5A1E19

Rectangle

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



223804



003D2C



362A5A



5A1A38

Sweetspot

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



223804



414A35



381A04



212619



A6A6A6



262626

Same Dimension

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



223804



2B4A00



083804



1B1C19



355C00



7FDB00

Inverse Universe

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



1A0438



1F004A



340438



1A191C



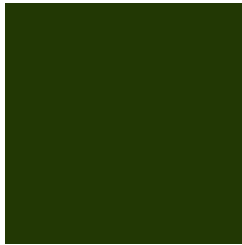
27005C



5D00DB

Previews

White Background



This preview shows how the Hex color 223804 looks on a white background.

Color Contrast Check

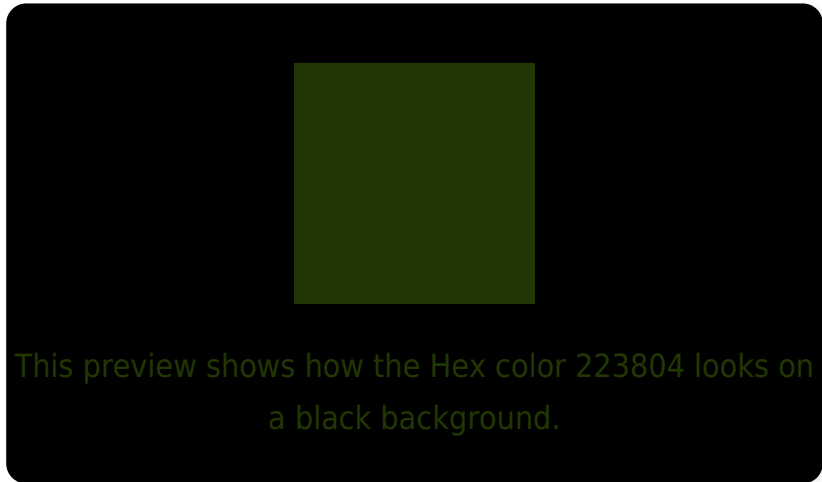
Large Text (above 18pt) WCAG AA ✓ Pass

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

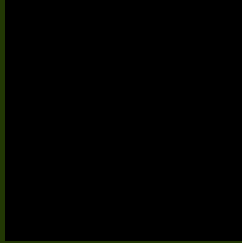
Any Text WCAG AA × Fail

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 223804 Background



This preview shows how black text looks on a background with the Hex color 223804.



This preview shows how white text looks on a background with the Hex color 223804.

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
223804

Protanopia
383200

Deuteranopia
3F2F0C



Tritanopia
283438

Trichromacy



Original Color
223804

Protanomaly
303401

Deuteranomaly
343209

Tritanomaly
263525

Monochromacy



Original Color
223804

Achromatopsia
2B2B2B

Achromatomaly
28301D

CSS Examples

Text

The CSS property to change the color of the text to Hex 223804 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 #223804 looks like.

```
.text, #text, p{  
    color:#223804  
}
```

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 #223804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223804
}
```

Border

The CSS property to change the border of an element to Hex 223804 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".

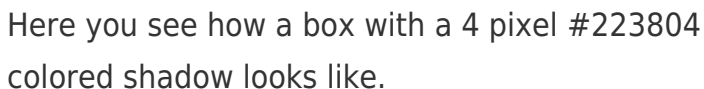
```
.border, #border, table{ border:4px solid
#223804 }
```

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

```
.border{ border-color:#223804 }
```

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

Here you see how a box with a 4 pixel #223804 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 #223804; -webkit-box-shadow:4px 4px  
4px 4px #223804; box-shadow:4px 4px 4px  
4px #223804 }
```

Background

The CSS property to change the background color of an element to Hex 223804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223804 }
```

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

```
.background{ background-color:#223804 }
```

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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