

Converting Colors

Hex(002208)

Have a look what the booklet for
Hex(002208) contains.

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Color

Hex(002208)

Conversions

Conversions Part 1

Format	Color
Hex	002208
RGB	0, 34, 8
RGB Percent	0%, 13%, 3%
CMY	1.0000, 0.8667, 0.9686
CMYK	1.00, 0.00, 0.76, 0.87
HSL	134°, 100%, 7%
HSV	134°, 100%, 13%
XYZ	0.6159, 1.1616, 0.4215
YIQ	20.8700, -11.9180, -15.2940

Conversions

Conversions Part 2

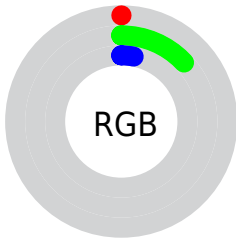
Format	Color
RYB	0, 28, 34
Decimal	8712
CIELab	10.27, -19.04, 11.68
CIELCh	10, 22.340, 148.478
Yxy	1.1616, 0.2801, 0.5283
Android (android.graphics.Color)	4278198792 (0xFF002208)
YUV	20.8700, -6.3449, -18.3030
Hunter-Lab	10.7777, -8.6612, 5.2258

Details

The Hex color **002208** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22001A**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **2C4F35**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002208**, and if you desaturate by 10%, it is **03220B**.

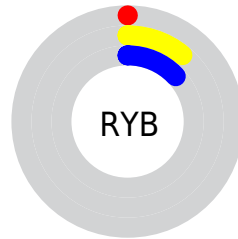
Distribution



Red (0%)

Green (13%)

Blue (3%)



Red (0%)

Yellow (11%)

Blue (13%)

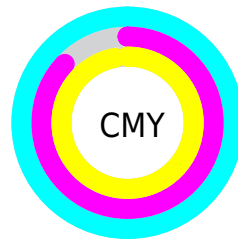


Cyan (100%)

Magenta (0%)

Yellow (76%)

Black (87%)



Cyan (100%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002208 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 002208 by changing the saturation by 10% instead.

 002208

 002208

 E2FFE8

 000200

 2C4F35

 000000

 44674B

 5C8063

 759A7C

 8FB596

 AAD1B1

 C5EDCC

 002208

■ 03220B

■ 07220D

■ 0A2210

■ 0E2212

■ 112215

■ 142218

■ 18221A

■ 1B221D

■ 1F221F

Harmonies

Analogous

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



171F00



002208



00231B

Triad

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



002208



001E3A



360F0C

Complementary

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



002208



22001A

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.



360D1D



002208



1A1837

Square

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



002208



002136



2D112C



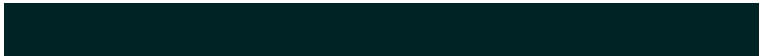
311500

Rectangle

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



002208



002325



2D112C



370D13

Sweetspot

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



002208



1E2B21



1A2200



0F1711



969696



171717

Same Dimension

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



002208



002B0A



002219



101210



005213



00D131

Inverse Universe

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



22001A



2B0021



220009



121011



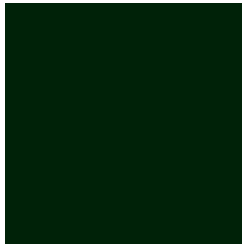
52003E



D100A0

Previews

White Background



This preview shows how the Hex color 002208 looks on a white background.

Color Contrast Check

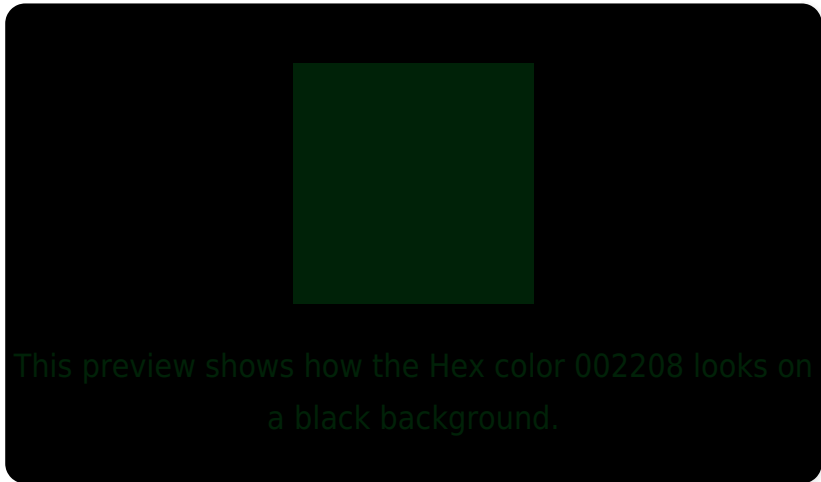
Large Text (above 18pt) WCAG AA ✓ Pass

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

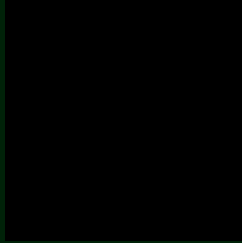
Any Text WCAG AA × Fail

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 002208 Background



This preview shows how black text looks on a background with the Hex color 002208.



This preview shows how white text looks on a background with the Hex color 002208.

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
002208

Protanopia
211D07

Deuteranopia
241C0B

Trichromacy



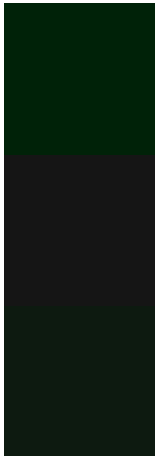
Original Color
002208

Protanomaly
151F07

Deuteranomaly
171E0A

Tritanomaly
092119

Monochromacy



Original Color
002208

Achromatopsia
151515

Achromatomaly
0D1A10

CSS Examples

Text

The CSS property to change the color of the text to Hex 002208 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 #002208 looks like.

```
.text, #text, p{  
    color:#002208  
}
```

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 #002208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002208
}
```

Border

The CSS property to change the border of an element to Hex 002208 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
#002208 }
```

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

```
.border{ border-color:#002208 }
```

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

Here you see how a box with a 4 pixel #002208 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002208; -webkit-box-shadow:4px 4px  
4px 4px #002208; box-shadow:4px 4px 4px  
4px #002208 }
```

Background

The CSS property to change the background color of an element to Hex 002208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002208 }
```

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

```
.background{ background-color:#002208 }
```

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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