

Converting Colors

Hex(420108)

Have a look what the booklet for
Hex(420108) contains.

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Color

Hex(420108)

Conversions

Conversions Part 1

Format	Color
Hex	420108
RGB	66, 1, 8
RGB Percent	26%, 0%, 3%
CMY	0.7412, 0.9961, 0.9686
CMYK	0.00, 0.98, 0.88, 0.74
HSL	354°, 97%, 13%
HSV	354°, 98%, 26%
XYZ	2.3015, 1.1975, 0.3396
YIQ	21.2330, 36.4930, 15.9570

Conversions

Conversions Part 2

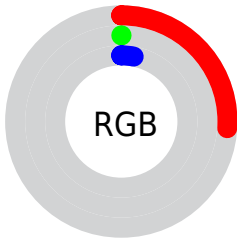
Format	Color
RYB	66, 1, 8
Decimal	4325640
CIELab	10.54, 30.26, 13.31
CIELCh	11, 33.060, 23.748
Yxy	1.1975, 0.5996, 0.3120
Android (android.graphics.Color)	4282515720 (0xFF420108)
YUV	21.2330, -6.5239, 39.2607
Hunter-Lab	10.9430, 18.3906, 5.8203

Details

The Hex color **420108** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **01423B**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **773235**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **420007**, and if you desaturate by 10%, it is **42080E**.

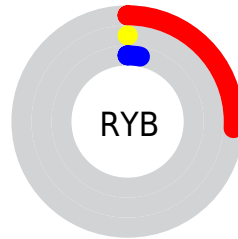
Distribution



Red (26%)

Green (0%)

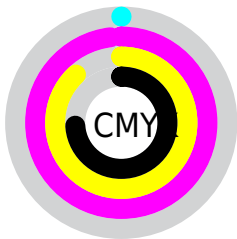
Blue (3%)



Red (26%)

Yellow (0%)

Blue (3%)

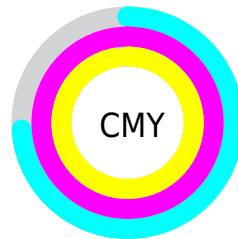


Cyan (0%)

Magenta (98%)

Yellow (88%)

Black (74%)



Cyan (74%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 420108 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 420108 by changing the saturation by 10% instead.

 420108

 420108

 FFEAE8

 2C0001

 773235

 000000

 924A4B

 AE6363

 CB7D7C

 E89796

 FFB2B0

 FFCECC

 420108

 420108

■ 420007

■ 42080E

■ 420E14

■ 42151A

■ 421B20

■ 422225

■ 42292B

■ 422F31

■ 423637

■ 423C3D

Harmonies

Analogous

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



410022



420108



390F00

Triad

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



420108



002400



00214A

Complementary

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



420108



01423B

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.



002541



420108



002717

Square

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



420108



142100



00272E



0A1946

Rectangle

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



420108



2F1700



00272E



002348

Sweetspot

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



420108



573D3F



3A0142



2B1C1D



ABABAB



2B2B2B

Same Dimension

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



420108



570009



421A01



211E1E



61000A



E00018

Inverse Universe

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



420108



570009



012942



211E1E



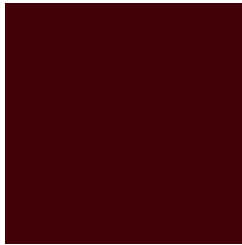
61000A



E00018

Previews

White Background



This preview shows how the Hex color 420108 looks on a white background.

Color Contrast Check

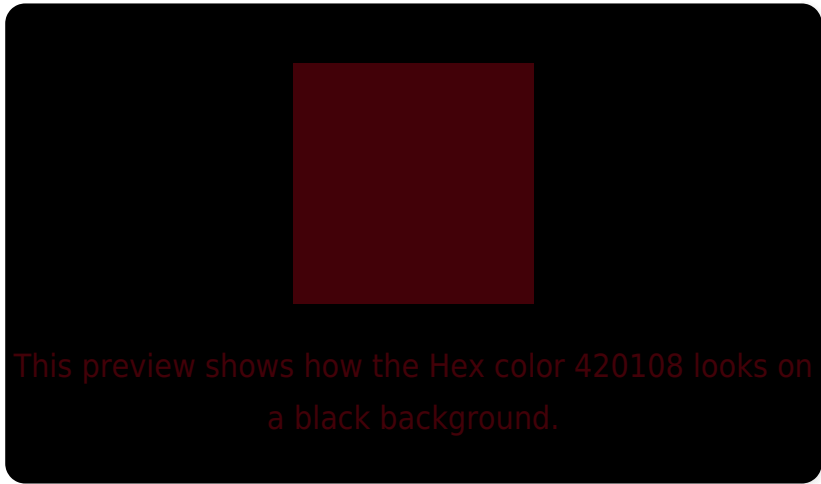
Large Text (above 18pt) WCAG AA ✓ Pass

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

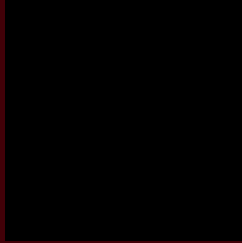
Any Text WCAG AA × Fail

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 420108 Background



This preview shows how black text looks on a background with the Hex color 420108.

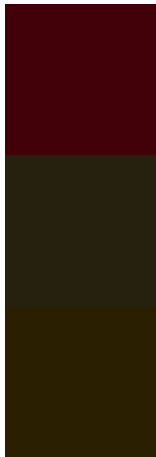


This preview shows how white text looks on a background with the Hex color 420108.

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
420108

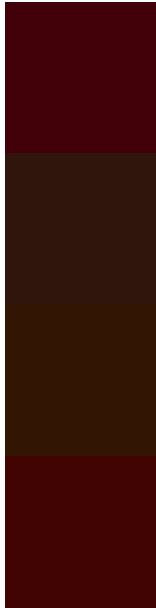
Protanopia
25210E

Deuteranopia
2A2000



Tritanopia
420600

Trichromacy



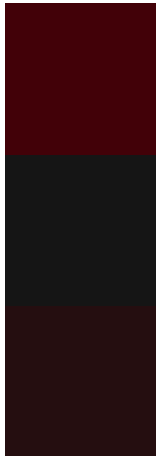
Original Color
420108

Protanomaly
30150C

Deuteranomaly
331503

Tritanomaly
420403

Monochromacy



Original Color
420108

Achromatopsia
151515

Achromatomaly
250E10

CSS Examples

Text

The CSS property to change the color of the text to Hex 420108 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 #420108 looks like.

```
.text, #text, p{  
    color:#420108  
}
```

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 #420108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420108
}
```

Border

The CSS property to change the border of an element to Hex 420108 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".

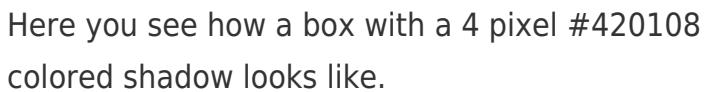
```
.border, #border, table{ border:4px solid
#420108 }
```

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

```
.border{ border-color:#420108 }
```

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

Here you see how a box with a 4 pixel #420108 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #420108 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420108; -webkit-box-shadow:4px 4px  
4px 4px #420108; box-shadow:4px 4px 4px  
4px #420108 }
```

Background

The CSS property to change the background color of an element to Hex 420108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420108 }
```

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

```
.background{ background-color:#420108 }
```

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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