

Converting Colors

Hex(42000A)

Have a look what the booklet for
Hex(42000A) contains.

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Color

Hex(42000A)

Conversions

Conversions Part 1

Format	Color
Hex	42000A
RGB	66, 0, 10
RGB Percent	26%, 0%, 4%
CMY	0.7412, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.85, 0.74
HSL	351°, 100%, 13%
HSV	351°, 100%, 26%
XYZ	2.3016, 1.1802, 0.3936
YIQ	20.8740, 36.1260, 17.1020

Conversions

Conversions Part 2

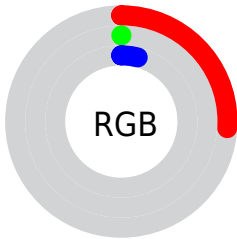
Format	Color
RYB	66, 0, 10
Decimal	4325386
CIELab	10.41, 30.82, 12.32
CIELCh	10, 33.188, 21.788
Yxy	1.1802, 0.5939, 0.3045
Android (android.graphics.Color)	4282515466 (0xFF42000A)
YUV	20.8740, -5.3609, 39.5755
Hunter-Lab	10.8635, 18.8059, 5.4561

Details

The Hex color **42000A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004238**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **773136**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **42000A**, and if you desaturate by 10%, it is **420710**.

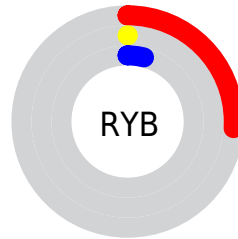
Distribution



Red (26%)

Green (0%)

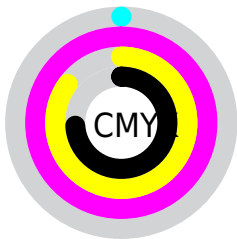
Blue (4%)



Red (26%)

Yellow (0%)

Blue (4%)

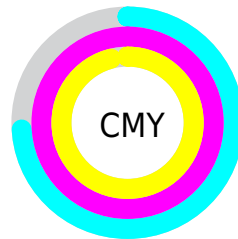


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (74%)



Cyan (74%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42000A 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 42000A by changing the saturation by 10% instead.

 42000A

 42000A

 FFEAEA

 2C0001

 773136

 000000

 924A4D

 AE6264

 CB7C7D

 E89697

 FFB1B2

 FFCDCD

 42000A

■ 420710

■ 420D15

■ 42141B

■ 421A20

■ 422126

■ 42282C

■ 422E31

■ 423537

■ 423B3C

Harmonies

Analogous

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



400023



42000A



3A0E00

Triad

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



42000A



002400



002149

Complementary

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



42000A



004238

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.



002540



42000A



002615

Square

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



42000A



152000



00272C



041947

Rectangle

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



42000A



301600



00272C



002347

Sweetspot

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



42000A



573D41



370042



2B1C1E



ABABAB



2B2B2B

Same Dimension

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



42000A



57000D



421600



211E1E



61000F



E00022

Inverse Universe

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



42000A



57000D



002C42



211E1E



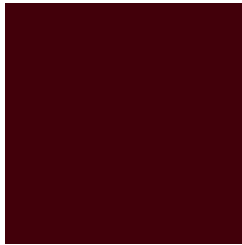
61000F



E00022

Previews

White Background



This preview shows how the Hex color 42000A looks on a white background.

Color Contrast Check

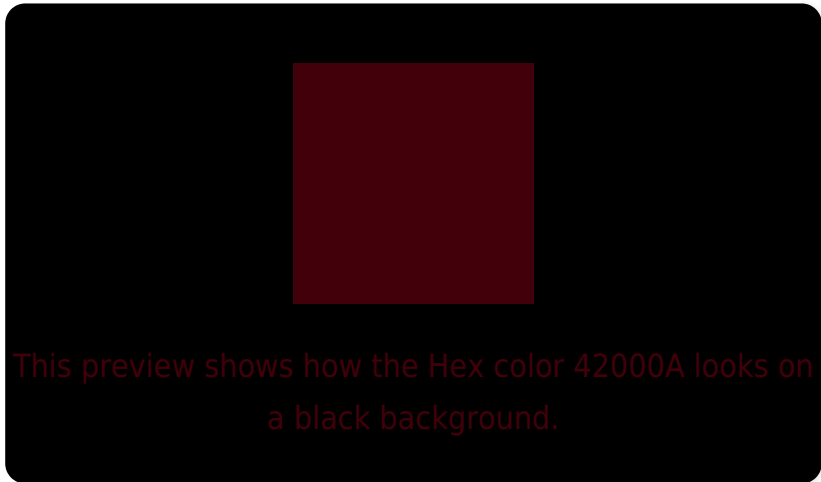
Large Text (above 18pt) WCAG AA ✓ Pass

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

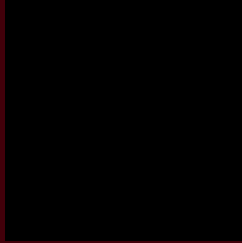
Any Text WCAG AA × Fail

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 42000A Background



This preview shows how black text looks on a background with the Hex color 42000A.

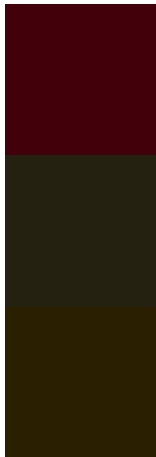


This preview shows how white text looks on a background with the Hex color 42000A.

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
42000A

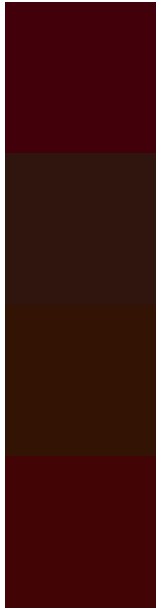
Protanopia
252110

Deuteranopia
2A2000



Tritanopia
420600

Trichromacy



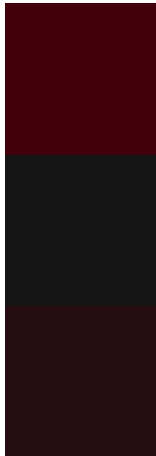
Original Color
42000A

Protanomaly
30150E

Deuteranomaly
331404

Tritanomaly
420404

Monochromacy



Original Color
42000A

Achromatopsia
151515

Achromatomaly
250D11

CSS Examples

Text

The CSS property to change the color of the text to Hex 42000A 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 #42000A looks like.

```
.text, #text, p{  
    color:#42000A  
}
```

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 #42000A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42000A
}
```

Border

The CSS property to change the border of an element to Hex 42000A 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".

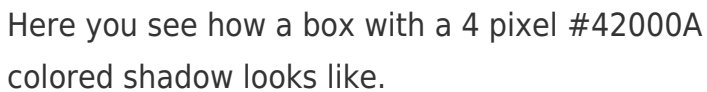
```
.border, #border, table{ border:4px solid
#42000A }
```

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

```
.border{ border-color:#42000A }
```

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

Here you see how a box with a 4 pixel #42000A 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 #42000A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42000A; -webkit-box-shadow:4px 4px  
4px 4px #42000A; box-shadow:4px 4px 4px  
4px #42000A }
```

Background

The CSS property to change the background color of an element to Hex 42000A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42000A }
```

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

```
.background{ background-color:#42000A }
```

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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