

Converting Colors

Hex(4A0213)

Have a look what the booklet for
Hex(4A0213) contains.

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Color

Hex(4A0213)

Conversions

Conversions Part 1

Format	Color
Hex	4A0213
RGB	74, 2, 19
RGB Percent	29%, 1%, 7%
CMY	0.7098, 0.9922, 0.9255
CMYK	0.00, 0.97, 0.74, 0.71
HSL	346°, 95%, 15%
HSV	346°, 97%, 29%
XYZ	2.9633, 1.5463, 0.7584
YIQ	25.4660, 37.4550, 20.5510

Conversions

Conversions Part 2

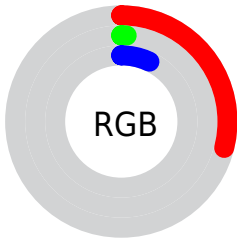
Format	Color
RYB	74, 2, 19
Decimal	4850195
CIELab	12.90, 32.80, 11.39
CIELCh	13, 34.724, 19.153
Yxy	1.5463, 0.5625, 0.2935
Android (android.graphics.Color)	4283040275 (0xFF4A0213)
YUV	25.4660, -3.1877, 42.5643
Hunter-Lab	12.4349, 20.7760, 5.0885

Details

The Hex color **4A0213** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **024A39**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **80353D**, and **060000** is the 20% darker color. If you saturate the color by 10%, you get **4A0011**, and if you desaturate by 10%, it is **4A0919**.

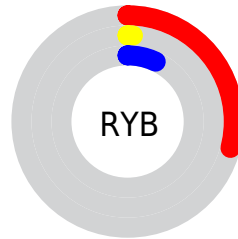
Distribution



Red (29%)

Green (1%)

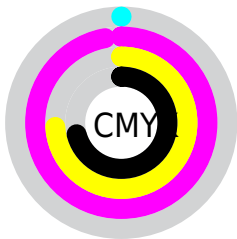
Blue (7%)



Red (29%)

Yellow (1%)

Blue (7%)

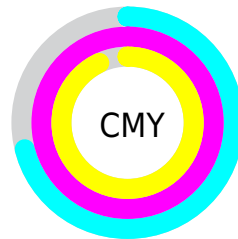


Cyan (0%)

Magenta (97%)

Yellow (74%)

Black (71%)



Cyan (71%)

Magenta (99%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A0213 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 4A0213 by changing the saturation by 10% instead.

 4A0213

 4A0213

 FFEFF3

 320000

 80353D

 060000

 9B4E54

 000000

 B8676C

 D58185

 F29CA0

 FFB7BB

 FFD3D6

 4A0213

 4A0213

■ 4A0011

■ 4A0919

■ 4A111E

■ 4A1824

■ 4A202A

■ 4A272F

■ 4A2E35

■ 4A363B

■ 4A3D40

■ 4A4546

Harmonies

Analogous

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



47022B



4A0213



421100

Triad

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



4A0213



002900



002751

Complementary

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



4A0213



024A39

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.



002B46



4A0213



002B17

Square

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



4A0213



1D2500



002C31



001F4F

Rectangle

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



4A0213



381A00



002C31



00294F

Sweetspot

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



4A0213



61454B



38024A



301F23



B0B0B0



303030

Same Dimension

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



4A0213



610017



4A1402



262223



660018



E60036

Inverse Universe

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



4A0213



610017



02384A



262223



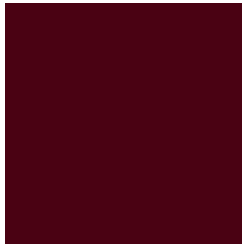
660018



E60036

Previews

White Background



This preview shows how the Hex color 4A0213 looks on a white background.

Color Contrast Check

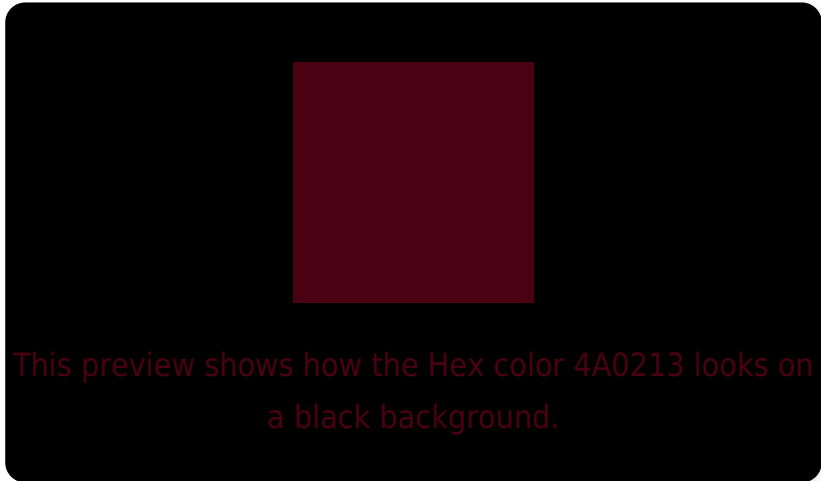
Large Text (above 18pt) WCAG AA ✓ Pass

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

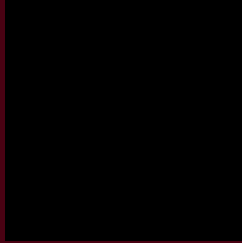
Any Text WCAG AA × Fail

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 4A0213 Background



This preview shows how black text looks on a background with the Hex color 4A0213.



This preview shows how white text looks on a background with the Hex color 4A0213.

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
4A0213

Protanopia
28261D

Deuteranopia
2F240F



Tritanopia
4A0806

Trichromacy



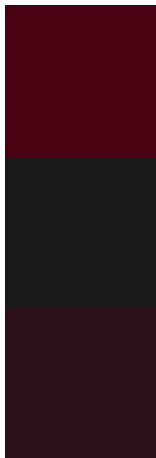
Original Color
4A0213

Protanomaly
341919

Deuteranomaly
391810

Tritanomaly
4A060B

Monochromacy



Original Color
4A0213

Achromatopsia
191919

Achromatomaly
2B1117

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0213 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 #4A0213 looks like.

```
.text, #text, p{  
    color:#4A0213  
}
```

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 #4A0213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0213
}
```

Border

The CSS property to change the border of an element to Hex 4A0213 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".

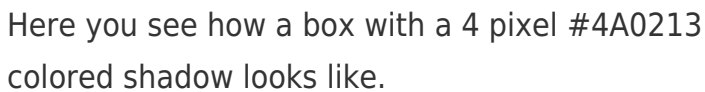
```
.border, #border, table{ border:4px solid
#4A0213 }
```

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

```
.border{ border-color:#4A0213 }
```

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

Here you see how a box with a 4 pixel #4A0213 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0213; -webkit-box-shadow:4px 4px  
4px 4px #4A0213; box-shadow:4px 4px 4px  
4px #4A0213 }
```

Background

The CSS property to change the background color of an element to Hex 4A0213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0213 }
```

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

```
.background{ background-color:#4A0213 }
```

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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