

Converting Colors

Hex(4A1942)

Have a look what the booklet for
Hex(4A1942) contains.

Hex(4A1942)	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(4A1942)

Conversions

Conversions Part 1

Format	Color
Hex	4A1942
RGB	74, 25, 66
RGB Percent	29%, 10%, 26%
CMY	0.7098, 0.9020, 0.7412
CMYK	0.00, 0.66, 0.11, 0.71
HSL	310°, 49%, 19%
HSV	310°, 66%, 29%
XYZ	4.1550, 2.5445, 5.4264
YIQ	44.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

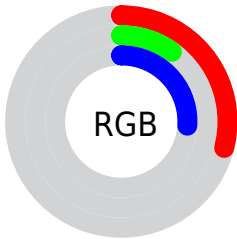
Format	Color
R_{YB}	74, 25, 66
Decimal	4856130
CIE Lab	18.12, 29.07, -14.78
CIE LCh	18, 32.613, 333.060
Yxy	2.5445, 0.3427, 0.2098
Android (android.graphics.Color)	4283046210 (0xFF4A1942)
YUV	44.3250, 10.6858, 26.0250
Hunter-Lab	15.9513, 18.5812, -9.0036

Details

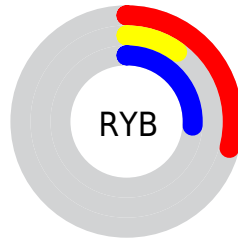
The Hex color **4A1942** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **194A21**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7C4872**, and **1D0017** is the 20% darker color. If you saturate the color by 10%, you get **4A1241**, and if you desaturate by 10%, it is **4A2043**.

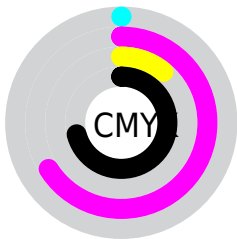
Distribution



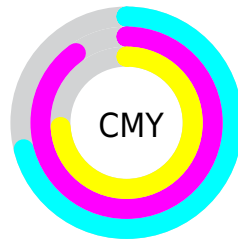
- Red (29%)
- Green (10%)
- Blue (26%)



- Red (29%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (66%)
- Yellow (11%)
- Black (71%)



- Cyan (71%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A1942 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 4A1942 by changing the saturation by 10% instead.



4A1942



4A1942

FFFFFF



32022C



7C4872



1D0017



97608C



000000



B27AA6



CE94C1



EBAFDD



FFCBFA



FFE7FF



4A1942



4A1942

■ 4A1241

■ 4A2043

■ 4A0A40

■ 4A2844

■ 4A033E

■ 4A2F46

■ 4A003E

■ 4A3747

■ 4A3E48

■ 4A4549

■ 4A4D4A

■ 4A544C

■ 4A5C4D

Harmonies

Analogous

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



2F2554



4A1942



55122B

Triad

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



4A1942



362C00



003745

Complementary

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



4A1942



194A21

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.



00372E



4A1942



1E3200

Square

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



4A1942



482300



003516



003456

Rectangle

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



4A1942



55151B



003516



00373E

Sweetspot

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



4A1942



614E5E



20194A



30252F



B0B0B0



303030

Same Dimension

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



4A1942



611454



4A192A



262226



660055



E600C0

Inverse Universe

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



4A1942



611454



194A39



262226



660055



E600C0

Previews

White Background



This preview shows how the Hex color 4A1942 looks on a white background.

Color Contrast Check

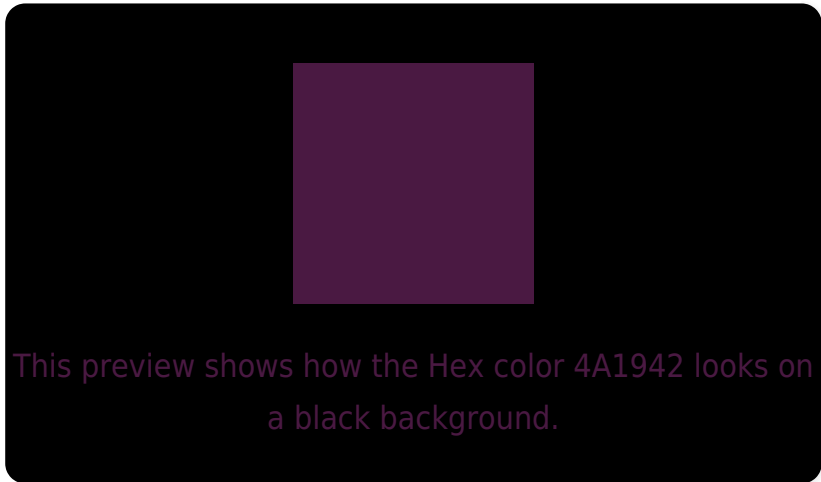
Large Text (above 18pt) WCAG AA ✓ Pass

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

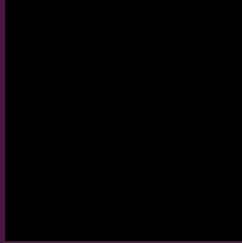
Any Text WCAG AA × Fail

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 4A1942 Background



This preview shows how black text looks on a background with the Hex color 4A1942.



This preview shows how white text looks on a background with the Hex color 4A1942.

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
4A1942

Protanopia
1B2C53

Deuteranopia
282D3F



Tritanopia
472224

Trichromacy



Original Color

4A1942

Protanomaly

2C254D

Deuteranomaly

342640

Tritanomaly

481F2F

Monochromacy



Original Color

4A1942

Achromatopsia

2C2C2C

Achromatomaly

372534

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A1942 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 #4A1942 looks like.

```
.text, #text, p{  
    color:#4A1942  
}
```

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 #4A1942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A1942
}
```

Border

The CSS property to change the border of an element to Hex 4A1942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

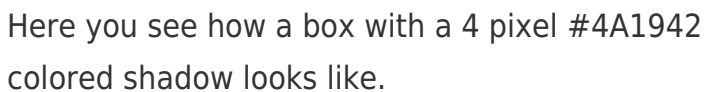
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A1942 }
```

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

```
.border{ border-color:#4A1942 }
```

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



Here you see how a box with a 4 pixel #4A1942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A1942; -webkit-box-shadow:4px 4px  
4px 4px #4A1942; box-shadow:4px 4px 4px  
4px #4A1942 }
```

Background

The CSS property to change the background color of an element to Hex 4A1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A1942 }
```

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

```
.background{ background-color:#4A1942 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor