

Converting Colors

Hex(4B142D)

Have a look what the booklet for
Hex(4B142D) contains.

Hex(4B142D)	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(4B142D)

Conversions

Conversions Part 1

Format	Color
Hex	4B142D
RGB	75, 20, 45
RGB Percent	29%, 8%, 18%
CMY	0.7059, 0.9216, 0.8235
CMYK	0.00, 0.73, 0.40, 0.71
HSL	333°, 58%, 19%
HSV	333°, 73%, 29%
XYZ	3.6255, 2.1856, 2.7134
YIQ	39.2950, 24.7550, 19.4350

Conversions

Conversions Part 2

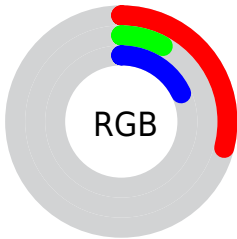
Format	Color
R_{YB}	75, 20, 45
Decimal	4920365
CIE _{Lab}	16.43, 28.51, -2.50
CIE _{LCh}	16, 28.624, 354.990
Yxy	2.1856, 0.4253, 0.2564
Android (android.graphics.Color)	4283110445 (0xFF4B142D)
YUV	39.2950, 2.8126, 31.3133
Hunter-Lab	14.7839, 17.9019, -0.5333




Details

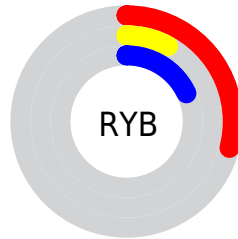
The Hex color **4B142D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **144B32**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **7E435B**, and **1A0001** is the 20% darker color. If you saturate the color by 10%, you get **4B0C29**, and if you desaturate by 10%, it is **4B1B31**.

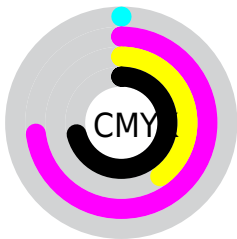
Distribution







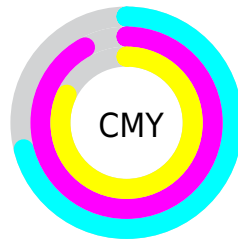
-  Red (29%)
-  Green (8%)
-  Blue (18%)






-  Red (29%)
-  Yellow (8%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (73%)
-  Yellow (40%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (92%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B142D 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 4B142D by changing the saturation by 10% instead.

 4B142D

 4B142D

FFFEFF

 330018

 7E435B

 1A0001

 995B73

 000000

 B5758D

 D18FA7

 EEAAC2

 FFC5DE

 FFE1FB

 4B142D

 4B142D

■ 4B0C29

■ 4B1B31

■ 4B0525

■ 4B2335

■ 4B0022

■ 4B2B39

■ 4B323D

■ 4B3A41

■ 4B4146

■ 4B494A

■ 4B504E

■ 4B5752

Harmonies

Analogous

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



3E1B40



4B142D



4C1619

Triad

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



4B142D



232D00



00304A

Complementary

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



4B142D



144B32

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.



003239



4B142D



043010

Square

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



4B142D



362600



003224



002C51

Rectangle

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



4B142D



481B0B



003224



003145

Sweetspot

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



4B142D



614C55



31144B



30242A



B0B0B0



303030

Same Dimension

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



4B142D



610C32



4B1614



262224



66002E



E60068

Inverse Universe

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



4B142D



610C32



14494B



262224



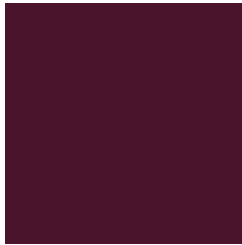
66002E



E60068

Previews

White Background



This preview shows how the Hex color 4B142D looks on a white background.

Color Contrast Check

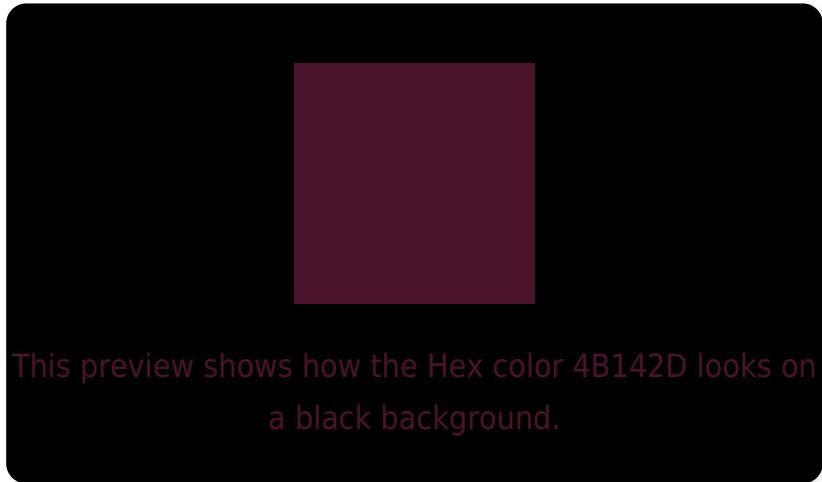
Large Text (above 18pt) WCAG AA ✓ Pass

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

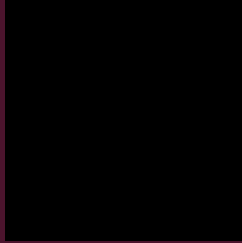
Any Text WCAG AA × Fail

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 4B142D Background



This preview shows how black text looks on a background with the Hex color 4B142D.



This preview shows how white text looks on a background with the Hex color 4B142D.

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
4B142D

Protanopia
252A3B

Deuteranopia
2E292A



Tritanopia
4A191A

Trichromacy



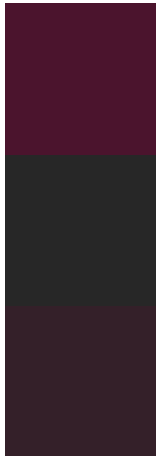
Original Color
4B142D

Protanomaly
332236

Deuteranomaly
39212B

Tritanomaly
4A1721

Monochromacy



Original Color
4B142D

Achromatopsia
272727

Achromatomaly
342029

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B142D 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 #4B142D looks like.

```
.text, #text, p{  
    color:#4B142D  
}
```

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 #4B142D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B142D
}
```

Border

The CSS property to change the border of an element to Hex 4B142D 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".

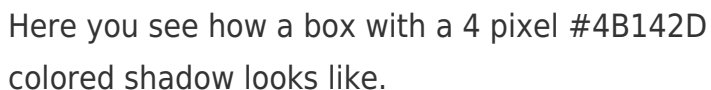
```
.border, #border, table{ border:4px solid
#4B142D }
```

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

```
.border{ border-color:#4B142D }
```

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

Here you see how a box with a 4 pixel #4B142D 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 on the top and right sides. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B142D; -webkit-box-shadow:4px 4px  
4px 4px #4B142D; box-shadow:4px 4px 4px  
4px #4B142D }
```

Background

The CSS property to change the background color of an element to Hex 4B142D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B142D }
```

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

```
.background{ background-color:#4B142D }
```

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