

Converting Colors

Hex(490021)

Have a look what the booklet for
Hex(490021) contains.

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Color

Hex(490021)

Conversions

Conversions Part 1

Format	Color
Hex	490021
RGB	73, 0, 33
RGB Percent	29%, 0%, 13%
CMY	0.7137, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.55, 0.71
HSL	333°, 100%, 14%
HSV	333°, 100%, 29%
XYZ	3.0222, 1.5263, 1.5742
YIQ	25.5890, 32.9150, 25.7390

Conversions

Conversions Part 2

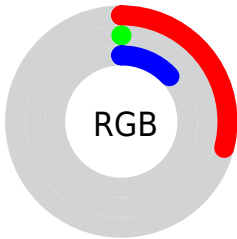
Format	Color
R_{YB}	73, 0, 33
Decimal	4784161
CIE _{Lab}	12.77, 34.38, 0.89
CIE _{LCh}	13, 34.388, 1.480
Yxy	1.5263, 0.4936, 0.2493
Android (android.graphics.Color)	4282974241 (0xFF490021)
YUV	25.5890, 3.6536, 41.5794
Hunter-Lab	12.3542, 22.0458, 1.0933

Details

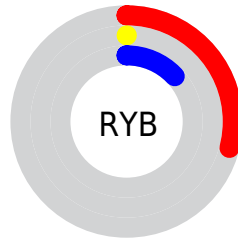
The Hex color **490021** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004928**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **7E344D**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **490021**, and if you desaturate by 10%, it is **490725**.

Distribution



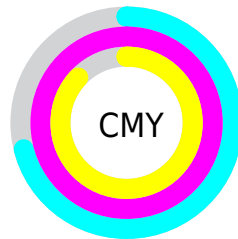
- Red (29%)
- Green (0%)
- Blue (13%)



- Red (29%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490021 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 490021 by changing the saturation by 10% instead.

 490021

 490021

 FFEFFF

 32000A

 7E344D

 080000

 994D65

 000000

 B5667E

 D18097

 EE9BB2

 FFB6CE

 FFD2EA

 490021

■ 490725

■ 490F29

■ 49162D

■ 491D31

■ 492535

■ 492C39

■ 49333D

■ 493A41

■ 494245

Harmonies

Analogous

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



3E0B38



490021



480705

Triad

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



490021



122700



00294B

Complementary

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



490021



004928

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.



002B3A



490021



002A05

Square

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



490021



292100



002B22



002451

Rectangle

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



490021



411200



002B22



002A46

Sweetspot

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



490021



5E424F



270049



301F27



B0B0B0



303030

Same Dimension

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



490021



5E002B



490200



242022



63002D



E30067

Inverse Universe

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



490021



5E002B



004749



242022



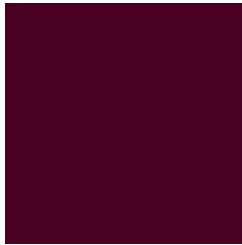
63002D



E30067

Previews

White Background



This preview shows how the Hex color 490021 looks on a white background.

Color Contrast Check

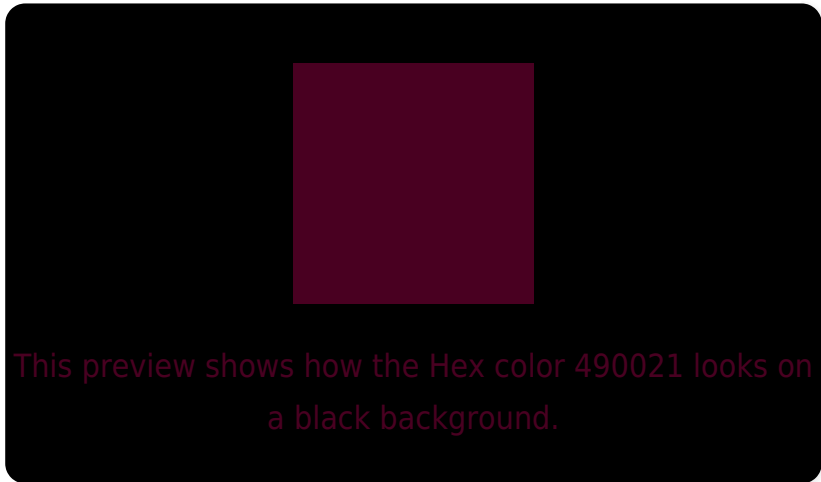
Large Text (above 18pt) WCAG AA ✓ Pass

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

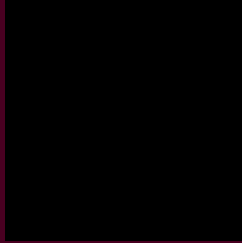
Any Text WCAG AA × Fail

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 490021 Background



This preview shows how black text looks on a background with the Hex color 490021.



This preview shows how white text looks on a background with the Hex color 490021.

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
490021

Protanopia
232530

Deuteranopia
2C241E



Tritanopia
480D0D

Trichromacy



Original Color
490021

Protanomaly
31182B

Deuteranomaly
37171F

Tritanomaly
480814

Monochromacy



Original Color
490021

Achromatopsia
1A1A1A

Achromatomaly
2B111D

CSS Examples

Text

The CSS property to change the color of the text to Hex 490021 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 #490021 looks like.

```
.text, #text, p{  
    color:#490021  
}
```

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 #490021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490021
}
```

Border

The CSS property to change the border of an element to Hex 490021 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
#490021 }
```

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

```
.border{ border-color:#490021 }
```

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

Here you see how a box with a 4 pixel #490021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490021; -webkit-box-shadow:4px 4px  
4px 4px #490021; box-shadow:4px 4px 4px  
4px #490021 }
```

Background

The CSS property to change the background color of an element to Hex 490021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490021 }
```

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

```
.background{ background-color:#490021 }
```

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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