

# Converting Colors

Hex(62001B)

Have a look what the booklet for  
Hex(62001B) contains.

|  |    |
|--|----|
| <b>Hex(62001B)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(62001B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 62001B                    |
| RGB           | 98, 0, 27                 |
| RGB Percent   | 38%, 0%, 11%              |
| CMY           | 0.6157, 1.0000, 0.8941    |
| CMYK          | 0.00, 1.00, 0.72, 0.62    |
| HSL           | 343°, 100%, 19%           |
| HSV           | 343°, 100%, 38%           |
| XYZ           | 5.2348, 2.6758, 1.2775    |
| YIQ           | 32.3800, 49.7410, 29.1730 |

# Conversions

## Conversions Part 2

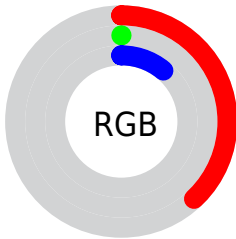
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 98, 0, 27                    |
| Decimal                             | 6422555                      |
| CIELab                              | 18.70, 40.68, 14.37          |
| CIELCh                              | 19, 43.150, 19.459           |
| Yxy                                 | 2.6758, 0.5697,<br>0.2912    |
| Android<br>(android.graphics.Color) | 4284612635<br>(0xFF62001B)   |
| YUV                                 | 32.3800, -2.6523,<br>57.5487 |
| Hunter-Lab                          | 16.3579, 28.4971,<br>6.8202  |

# Details

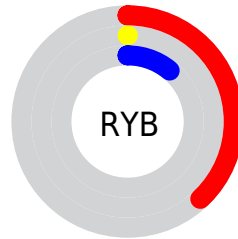
The Hex color **62001B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006247**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **9A3B46**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **62001B**, and if you desaturate by 10%, it is **620A22**.

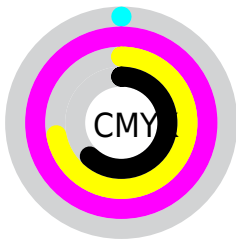
# Distribution



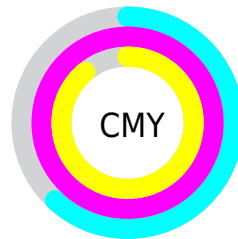
- Red (38%)
- Green (0%)
- Blue (11%)



- Red (38%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (62%)



- Cyan (62%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62001B 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 62001B by changing the saturation by 10% instead.



 62001B

 62001B

 FFFAFE

 470000

 9A3B46

 2E0002

 B7555D

 000000

 D56F76

 F38990

 FFA4AA

 FFC0C5

 FFDDE1

 62001B

■ 620A22

■ 621429

■ 621D30

■ 622737

■ 62313E

■ 623B46

■ 62454D

■ 624E54

■ 62585B

# Harmonies

## Analogous

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



5E003A



62001B



581800

# Triad

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



62001B



003700



00356C

# Complementary

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



62001B



006247

# 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.



00395D



62001B



003A21

# Square

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



62001B



263200



003A42



002A69

# Rectangle

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



62001B



4A2400



003A42



003769



# Sweetspot

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



62001B



805964



460062



40292F



BFBFBF



404040



# Same Dimension

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



62001B



800023



621500



302C2D



70001F



F00042



# Inverse Universe

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



62001B



800023



004D62



302C2D



70001F

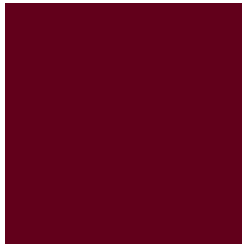


F00042



# Previews

## White Background



This preview shows how the Hex color 62001B looks on a white background.

## Color Contrast Check

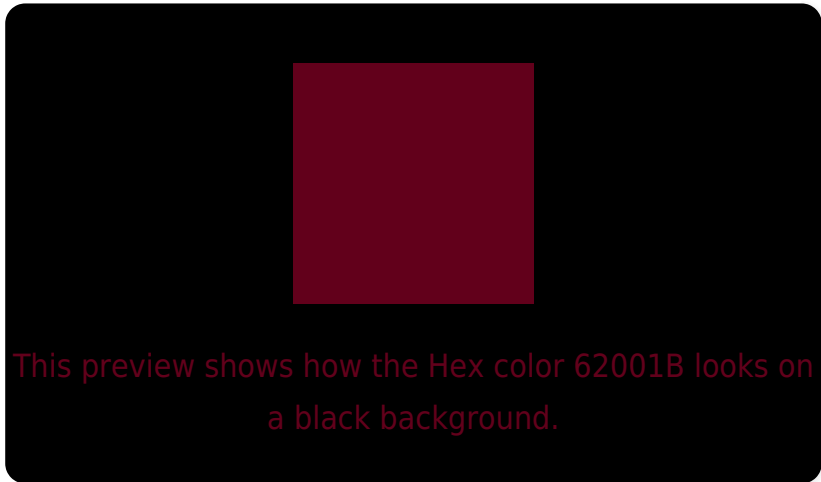
Large Text (above 18pt) WCAG AA ✓ Pass

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 62001B Background



This preview shows how black text looks on a background with the Hex color 62001B.



This preview shows how white text looks on a background with the Hex color 62001B.

# 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**  
62001B

**Protanopia**  
353228

**Deuteranopia**  
3E2F16



**Tritanopia**  
620B08

# Trichromacy



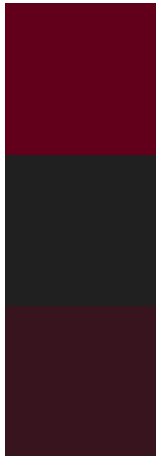
**Original Color**  
62001B

**Protanomaly**  
452023

**Deuteranomaly**  
4B1E18

**Tritanomaly**  
62070F

# Monochromacy



**Original Color**  
62001B

**Achromatopsia**  
202020

**Achromatomaly**  
38141E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62001B 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 #62001B looks like.

```
.text, #text, p{  
    color:#62001B  
}
```

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 #62001B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62001B
}
```

## Border

The CSS property to change the border of an element to Hex 62001B is called "border". The border property can be set on classes, ids or directly on the HTML element.

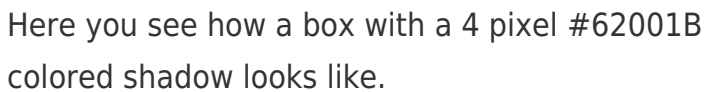
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62001B }
```

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

```
.border{ border-color:#62001B }
```

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



Here you see how a box with a 4 pixel #62001B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62001B; -webkit-box-shadow:4px 4px  
4px 4px #62001B; box-shadow:4px 4px 4px  
4px #62001B }
```

# Background

The CSS property to change the background color of an element to Hex 62001B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62001B }
```

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

```
.background{ background-color:#62001B }
```

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