

# Converting Colors

Hex(62315B)

Have a look what the booklet for  
Hex(62315B) contains.

<b>Hex(62315B)</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(62315B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62315B
RGB	98, 49, 91
RGB Percent	38%, 19%, 36%
CMY	0.6157, 0.8078, 0.6431
CMYK	0.00, 0.50, 0.07, 0.62
HSL	309°, 33%, 29%
HSV	309°, 50%, 38%
XYZ	8.0236, 5.5486, 10.5456
YIQ	68.4390, 15.7220, 23.4500

# Conversions

## Conversions Part 2

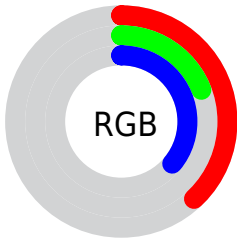
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 49, 91
Decimal	6435163
CIE <sub>Lab</sub>	28.24, 28.63, -15.56
CIE <sub>LCh</sub>	28, 32.589, 331.470
Yxy	5.5486, 0.3327, 0.2301
Android (android.graphics.Color)	4284625243 (0xFF62315B)
YUV	68.4390, 11.1226, 25.9250
Hunter-Lab	23.5555, 19.5797, -10.0548

# Details

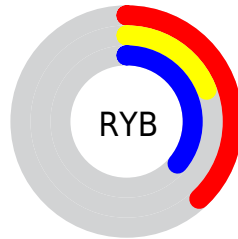
The Hex color **62315B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **316238**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **96618D**, and **31032D** is the 20% darker color. If you saturate the color by 10%, you get **62275A**, and if you desaturate by 10%, it is **623B5C**.

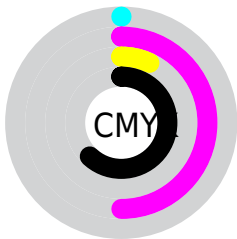
# Distribution



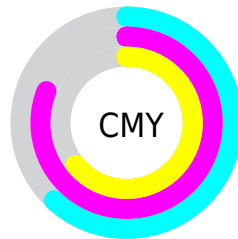
- Red (38%)
- Green (19%)
- Blue (36%)



- Red (38%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62315B 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 62315B by changing the saturation by 10% instead.



 62315B

 62315B

FFFFFF

 491A43

 96618D

 31032D

 B17AA8

 1D0019

 CD95C3

 000000

 E9B0DF

 FFCBFC

 FFE8FF

 62315B

 62315B

 62275A

 623B5C

621D58

62455E

621457

624E5F

620A55

625861

620054

626262

626C63

627665

627F66

628968

# Harmonies

## Analogous

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



453B6E



62315B



6F2B42

# Triad

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



62315B



4F420C



004E5C

# Complementary

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



62315B



316238

# 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.



004F43



62315B



354915

# Square

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



62315B



633816



0E4D2A



004B6E

# Rectangle

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



62315B



702D32



0E4D2A



004F54



# Sweetspot

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



62315B



806C7D



383162



40343E



BFBFBF



404040



# Same Dimension

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



62315B



803375



623143



302C30



700060



F000CD



# Inverse Universe

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



62315B



803375



316250



302C30



700060

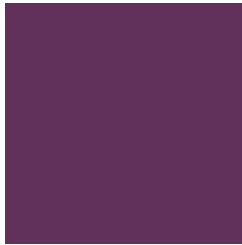


F000CD



# Previews

## White Background



This preview shows how the Hex color 62315B looks on a white background.

## Color Contrast Check

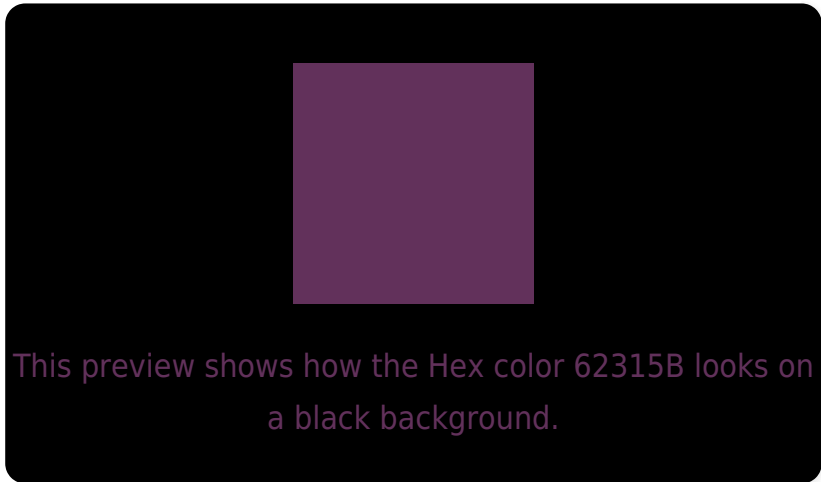
Large Text (above 18pt) WCAG AA ✓ Pass

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

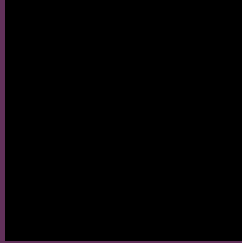
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62315B Background



This preview shows how black text looks on a background with the Hex color 62315B.



This preview shows how white text looks on a background with the Hex color 62315B.

# 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**  
62315B

**Protanopia**  
354269

**Deuteranopia**  
3F4258



**Tritanopia**  
5E383C

# Trichromacy



**Original Color**  
62315B

**Protanomaly**  
453C64

**Deuteranomaly**  
4C3C59

**Tritanomaly**  
5F3547

# Monochromacy



**Original Color**  
62315B

**Achromatopsia**  
444444

**Achromatomaly**  
4F3D4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62315B 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 #62315B looks like.

```
.text, #text, p{  
    color:#62315B  
}
```

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 #62315B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62315B
}
```

## Border

The CSS property to change the border of an element to Hex 62315B is called "border". The border property can be set on classes, ids or directly on the HTML element.

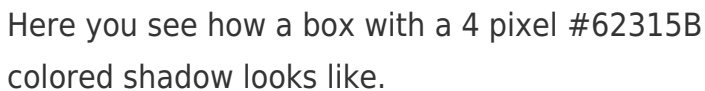
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62315B }
```

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

```
.border{ border-color:#62315B }
```

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



Here you see how a box with a 4 pixel #62315B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62315B; -webkit-box-shadow:4px 4px  
4px 4px #62315B; box-shadow:4px 4px 4px  
4px #62315B }
```

# Background

The CSS property to change the background color of an element to Hex 62315B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62315B }
```

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

```
.background{ background-color:#62315B }
```

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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