

# Converting Colors

Hex(61233A)

Have a look what the booklet for  
Hex(61233A) contains.

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# Color

**Hex(61233A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61233A
RGB	97, 35, 58
RGB Percent	38%, 14%, 23%
CMY	0.6196, 0.8627, 0.7725
CMYK	0.00, 0.64, 0.40, 0.62
HSL	338°, 47%, 26%
HSV	338°, 64%, 38%
XYZ	6.2945, 4.0489, 4.4528
YIQ	56.1600, 29.5690, 20.2970

# Conversions

## Conversions Part 2

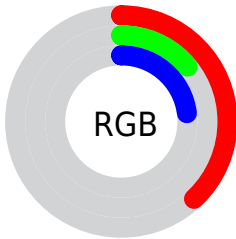
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 35, 58
Decimal	6366010
CIELab	23.83, 30.60, -0.23
CIElCh	24, 30.600, 359.572
Yxy	4.0489, 0.4254, 0.2736
Android (android.graphics.Color)	4284556090 (0xFF61233A)
YUV	56.1600, 0.9071, 35.8167
Hunter-Lab	20.1220, 20.6246, 0.9652

# Details

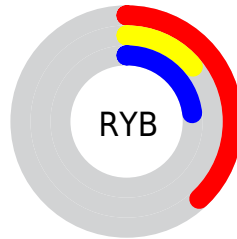
The Hex color **61233A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23614A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **965369**, and **30000F** is the 20% darker color. If you saturate the color by 10%, you get **611934**, and if you desaturate by 10%, it is **612D40**.

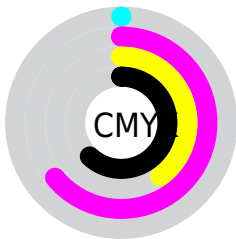
# Distribution



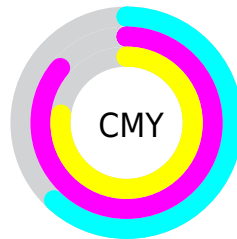
- Red (38%)
- Green (14%)
- Blue (23%)



- Red (38%)
- Yellow (14%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (40%)
- Black (62%)



- Cyan (62%)
- Magenta (86%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61233A 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 61233A by changing the saturation by 10% instead.



 61233A

 61233A

FFFFFF

 470A25

 965369

 30000F

 B26C82

 0A0000

 CE869C

 000000

 EBA1B7

 FFBCD3

 FFD8EF

 FFF5FF

 61233A

 61233A

611934

612D40

61102E

613646

610628

61404C

610024

614A52

615459

615D5F

616765

61716B

617A71

# Harmonies

## Analogous

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



542950



61233A



612623

# Triad

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



61233A



2E3E0D



004160

# Complementary

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



61233A



23614A

# 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.



00434F



61233A



0A4220

# Square

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



61233A



453705



004438



003B67

# Rectangle

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



61233A



5B2C16



004438



00425B



# Sweetspot

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



61233A



7D656E



492361



403137



BFBFBF



404040



# Same Dimension

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



61233A



7D1D40



612A23



302C2D



70002A



F00059



# Inverse Universe

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



61233A



7D1D40



235A61



302C2D



70002A

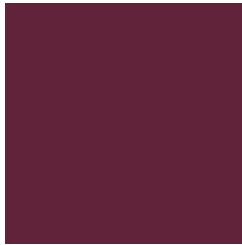


F00059



# Previews

## White Background



This preview shows how the Hex color 61233A looks on a white background.

## Color Contrast Check

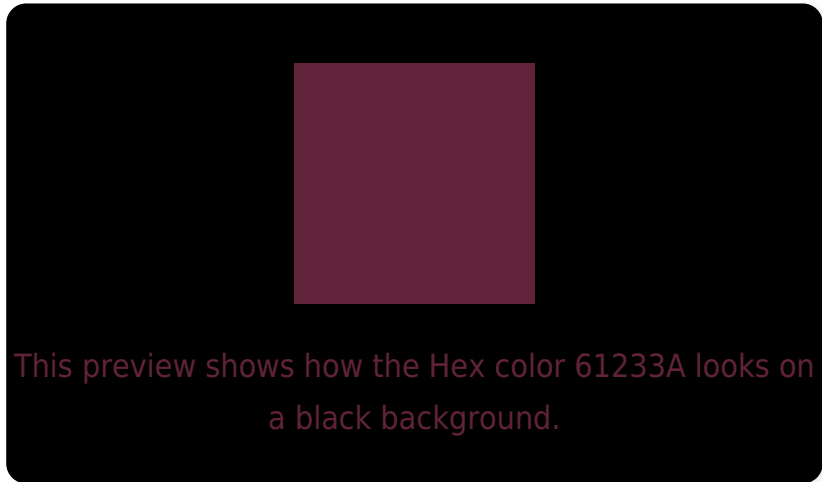
Large Text (above 18pt) WCAG AA ✓ Pass

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

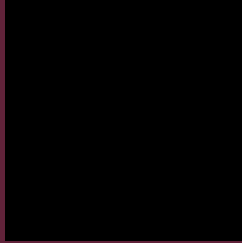
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61233A Background



This preview shows how black text looks on a background with the Hex color 61233A.



This preview shows how white text looks on a background with the Hex color 61233A.

# 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**  
61233A

**Protanopia**  
363948

**Deuteranopia**  
403837



**Tritanopia**  
602729

# Trichromacy



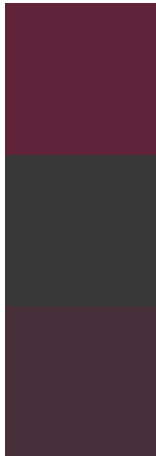
**Original Color**  
61233A

**Protanomaly**  
463143

**Deuteranomaly**  
4C3038

**Tritanomaly**  
60262F

# Monochromacy



**Original Color**  
61233A

**Achromatopsia**  
383838

**Achromatomaly**  
473039

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61233A 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 #61233A looks like.

```
.text, #text, p{  
    color:#61233A  
}
```

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 #61233A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61233A
}
```

## Border

The CSS property to change the border of an element to Hex 61233A is called "border". The border property can be set on classes, ids or directly on the HTML element.

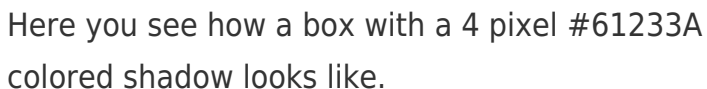
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61233A }
```

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

```
.border{ border-color:#61233A }
```

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



Here you see how a box with a 4 pixel #61233A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61233A; -webkit-box-shadow:4px 4px  
4px 4px #61233A; box-shadow:4px 4px 4px  
4px #61233A }
```

# Background

The CSS property to change the background color of an element to Hex 61233A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61233A }
```

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

```
.background{ background-color:#61233A }
```

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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