

# Converting Colors

Hex(61375E)

Have a look what the booklet for  
Hex(61375E) contains.

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# Color

**Hex(61375E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61375E
RGB	97, 55, 94
RGB Percent	38%, 22%, 37%
CMY	0.6196, 0.7843, 0.6314
CMYK	0.00, 0.43, 0.03, 0.62
HSL	304°, 28%, 30%
HSV	304°, 43%, 38%
XYZ	8.3163, 6.0819, 11.3253
YIQ	72.0040, 12.5130, 21.0330

# Conversions

## Conversions Part 2

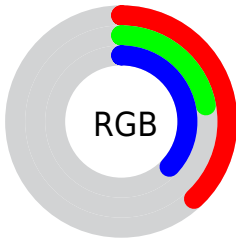
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 55, 94
Decimal	6371166
CIELab	29.62, 25.34, -15.41
CIElCh	30, 29.658, 328.706
Yxy	6.0819, 0.3233, 0.2364
Android (android.graphics.Color)	4284561246 (0xFF61375E)
YUV	72.0040, 10.8440, 21.9215
Hunter-Lab	24.6615, 17.0358, -9.9646

# Details

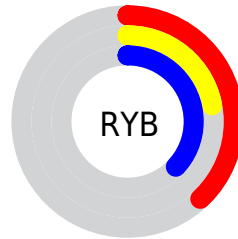
The Hex color **61375E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **37613A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **956790**, and **310A30** is the 20% darker color. If you saturate the color by 10%, you get **612D5D**, and if you desaturate by 10%, it is **61415F**.

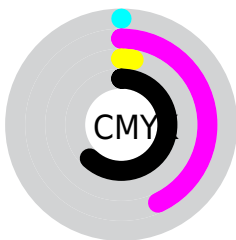
# Distribution



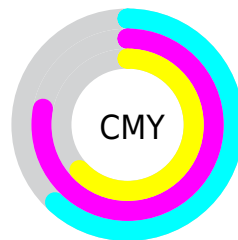
- Red (38%)
- Green (22%)
- Blue (37%)



- Red (38%)
- Yellow (22%)
- Blue (37%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (62%)



- Cyan (62%)
- Magenta (78%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61375E 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 61375E by changing the saturation by 10% instead.



61375E

61375E

FFFFFF

492046

956790

310A30

B081AB

1F001B

CB9BC6

000000

E8B6E2

FFD2FF

FFEEFF

61375E

61375E

612D5D

61415F

61245D

614A5F

611A5C

615460

61105B

615E61

61075B

616761

61005A

617162

617B63

618564

618E64

# Harmonies

## Analogous

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



45406E



61375E



6F3248

# Triad

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



61375E



544416



00515B

# Complementary

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



61375E



37613A

# 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.



005144



61375E



3D4B1B

# Square

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



61375E



653C1F



1E4F2D



004E6D

# Rectangle

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



61375E



713238



1E4F2D



005154



# Sweetspot

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



61375E



7D6D7C



3A3761



40363F



BFBFBF



404040



# Same Dimension

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



61375E



7D3C78



613749



302C30



700068



F000DF



# Inverse Universe

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



61375E



7D3C78



37614F



302C30



700068



F000DF



# Previews

## White Background



This preview shows how the Hex color 61375E looks on a white background.

## Color Contrast Check

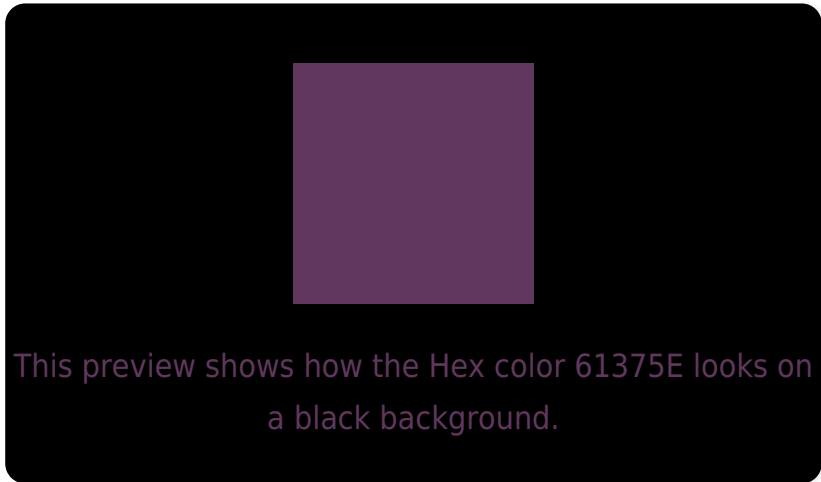
Large Text (above 18pt) WCAG AA ✓ Pass

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

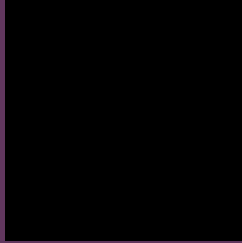
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61375E Background



This preview shows how black text looks on a background with the Hex color 61375E.



This preview shows how white text looks on a background with the Hex color 61375E.

# 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**  
61375E

**Protanopia**  
3A4569

**Deuteranopia**  
42455B



**Tritanopia**  
5E3D42

# Trichromacy



**Original Color**  
61375E

**Protanomaly**  
484065

**Deuteranomaly**  
4D405C

**Tritanomaly**  
5F3B4C

# Monochromacy



**Original Color**  
61375E

**Achromatopsia**  
484848

**Achromatomaly**  
514250

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61375E 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 #61375E looks like.

```
.text, #text, p{  
    color:#61375E  
}
```

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 #61375E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61375E
}
```

## Border

The CSS property to change the border of an element to Hex 61375E is called "border". The border property can be set on classes, ids or directly on the HTML element.

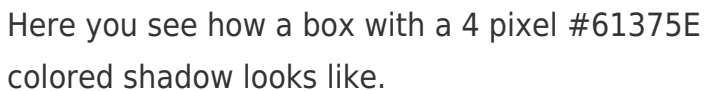
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61375E }
```

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

```
.border{ border-color:#61375E }
```

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



Here you see how a box with a 4 pixel #61375E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61375E; -webkit-box-shadow:4px 4px  
4px 4px #61375E; box-shadow:4px 4px 4px  
4px #61375E }
```

# Background

The CSS property to change the background color of an element to Hex 61375E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61375E }
```

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

```
.background{ background-color:#61375E }
```

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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