

# Converting Colors

Hex(621B53)

Have a look what the booklet for  
Hex(621B53) contains.

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**Color**

**Hex(621B53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	621B53
RGB	98, 27, 83
RGB Percent	38%, 11%, 33%
CMY	0.6157, 0.8941, 0.6745
CMYK	0.00, 0.72, 0.15, 0.62
HSL	313°, 57%, 25%
HSV	313°, 72%, 38%
XYZ	6.9903, 4.0051, 8.5882
YIQ	54.6130, 24.3400, 32.4680

# Conversions

## Conversions Part 2

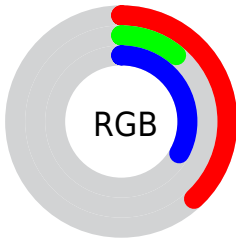
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 27, 83
Decimal	6429523
CIELab	23.69, 38.42, -17.34
CIElCh	24, 42.150, 335.702
Yxy	4.0051, 0.3569, 0.2045
Android (android.graphics.Color)	4284619603 (0xFF621B53)
YUV	54.6130, 13.9948, 38.0504
Hunter-Lab	20.0127, 27.3265, -11.4349

# Details

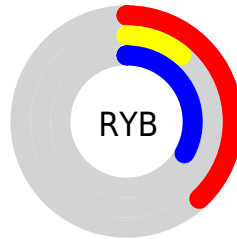
The Hex color **621B53** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1B622A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **974D85**, and **310026** is the 20% darker color. If you saturate the color by 10%, you get **621151**, and if you desaturate by 10%, it is **622555**.

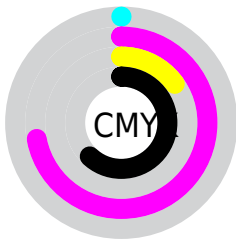
# Distribution



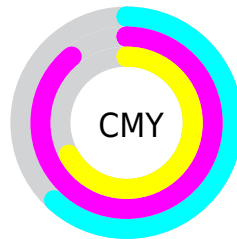
- Red (38%)
- Green (11%)
- Blue (33%)



- Red (38%)
- Yellow (11%)
- Blue (33%)



- Cyan (0%)
- Magenta (72%)
- Yellow (15%)
- Black (62%)



- Cyan (62%)
- Magenta (89%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 621B53 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 621B53 by changing the saturation by 10% instead.



 621B53

 621B53

FFFFFF

 49003C

 974D85

 310026

 B3679F

 13000F

 CF81BA

 000000

 EC9CD6

 FFB7F2

 FFD3FF

 FFF0FF

 621B53

 621B53

■ 621151

■ 622555

■ 62074F

■ 622F57

■ 62004D

■ 623859

■ 62425B

■ 624C5D

■ 62565F

■ 626061

■ 626964

■ 627366

# Harmonies

## Analogous

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



3F2D6C



621B53



6F1134

# Triad

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



621B53



413900



00465D

# Complementary

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



621B53



1B622A

# 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.



00463E



621B53



1F4100

# Square

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



621B53



5A2D00



00451D



004272

# Rectangle

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



621B53



6E171F



00451D



004653



# Sweetspot

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



621B53



80637A



291B62



402F3C



BFBFBF



404040



# Same Dimension

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



621B53



801168



621B30



302C2F



700058



F000BD



# Inverse Universe

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



621B53



801168



1B624D



302C2F



700058

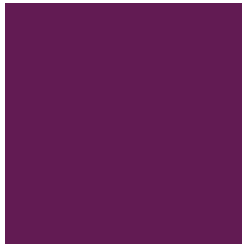


F000BD



# Previews

## White Background



This preview shows how the Hex color 621B53 looks on a white background.

## Color Contrast Check

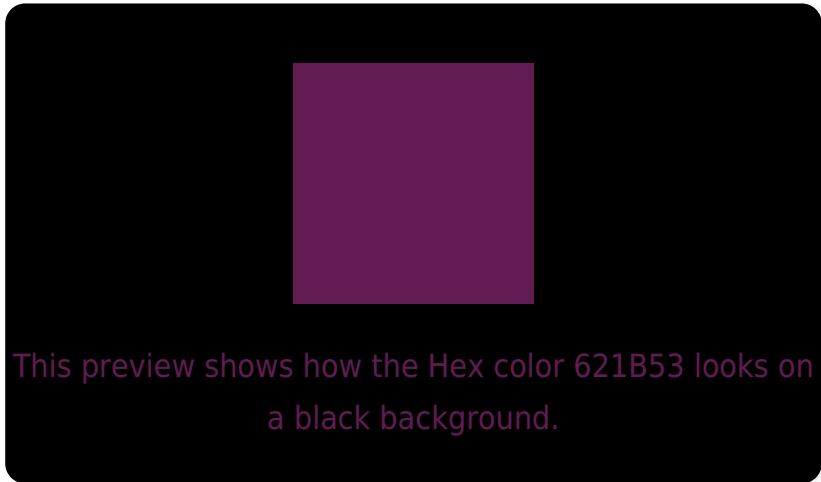
Large Text (above 18pt) WCAG AA ✓ Pass

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

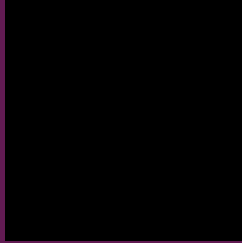
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 621B53 Background



This preview shows how black text looks on a background with the Hex color 621B53.

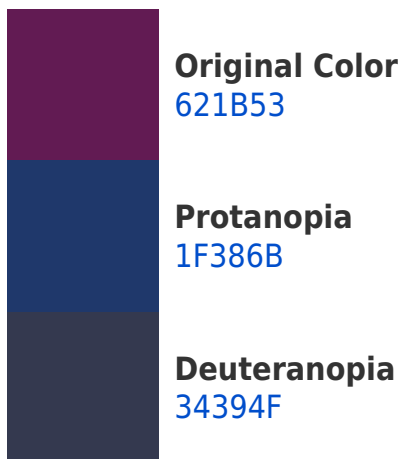


This preview shows how white text looks on a background with the Hex color 621B53.

# 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





**Tritanopia**  
5E282B

# Trichromacy



**Original Color**  
621B53

**Protanomaly**  
372D62

**Deuteranomaly**  
452E50

**Tritanomaly**  
5F233A

# Monochromacy



**Original Color**  
621B53

**Achromatopsia**  
373737

**Achromatomaly**  
472D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 621B53 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 #621B53 looks like.

```
.text, #text, p{  
    color:#621B53  
}
```

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 #621B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #621B53  
}
```

## Border

The CSS property to change the border of an element to Hex 621B53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

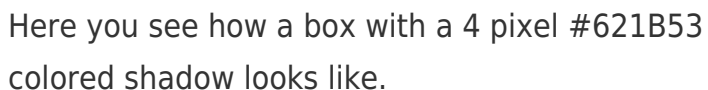
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#621B53 }
```

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

```
.border{ border-color:#621B53 }
```

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



Here you see how a box with a 4 pixel #621B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #621B53; -webkit-box-shadow:4px 4px  
4px 4px #621B53; box-shadow:4px 4px 4px  
4px #621B53 }
```

# Background

The CSS property to change the background color of an element to Hex 621B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#621B53 }
```

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

```
.background{ background-color:#621B53 }
```

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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