

# Converting Colors

Hex(621235)

Have a look what the booklet for  
Hex(621235) contains.

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# Color

Hex(621235)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	621235
RGB	98, 18, 53
RGB Percent	38%, 7%, 21%
CMY	0.6157, 0.9294, 0.7922
CMYK	0.00, 0.82, 0.46, 0.62
HSL	334°, 69%, 23%
HSV	334°, 82%, 38%
XYZ	5.8959, 3.2863, 3.6917
YIQ	45.9100, 36.4450, 27.8450

# Conversions

## Conversions Part 2

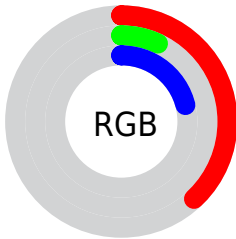
Format	Color
<b>R<sub>YB</sub></b>	98, 18, 53
Decimal	6427189
CIE Lab	21.16, 37.77, -0.67
CIE LCh	21, 37.779, 358.983
Yxy	3.2863, 0.4580, 0.2553
Android (android.graphics.Color)	4284617269 (0xFF621235)
YUV	45.9100, 3.4954, 45.6829
Hunter-Lab	18.1282, 26.3299, 0.6156

# Details

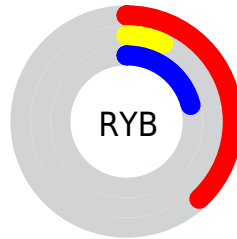
The Hex color **621235** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **12623F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **984663**, and **320008** is the 20% darker color. If you saturate the color by 10%, you get **62082F**, and if you desaturate by 10%, it is **621C3B**.

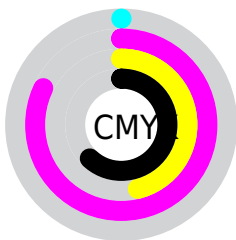
# Distribution



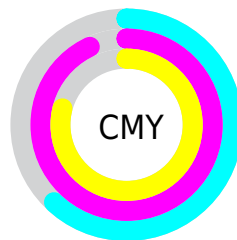
- Red (38%)
- Green (7%)
- Blue (21%)



- Red (38%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (82%)
- Yellow (46%)
- Black (62%)



- Cyan (62%)
- Magenta (93%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 621235 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 621235 by changing the saturation by 10% instead.



 621235

 621235

FFFFFF

 480020

 984663

 320008

 B45F7C

 000000

 D17996

 EE94B1

 FFAFCC

 FFCBE8

 FFE7FF

 621235

 621235

■ 62082F

■ 621C3B

■ 62002B

■ 622640

■ 622F46

■ 62394B

■ 624351

■ 624D56

■ 62575C

■ 626061

■ 626A67

# Harmonies

## Analogous

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



531D50



621235



61181A

# Triad

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



621235



253900



003D63

# Complementary

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



621235



12623F

# 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.



003F4D



621235



003D14

# Square

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



621235



403100



003F31



00376B

# Rectangle

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



621235



5A2106



003F31



003E5D



# Sweetspot

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



621235



80616E



3E1262



402D35



BFBFBF



404040



# Same Dimension

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



621235



800339



621612



302C2E



700031



F00069



# Inverse Universe

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



621235



800339



125E62



302C2E



700031

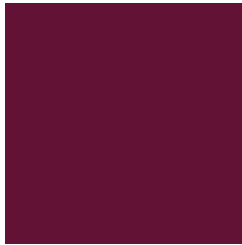


F00069



# Previews

## White Background



This preview shows how the Hex color 621235 looks on a white background.

## Color Contrast Check

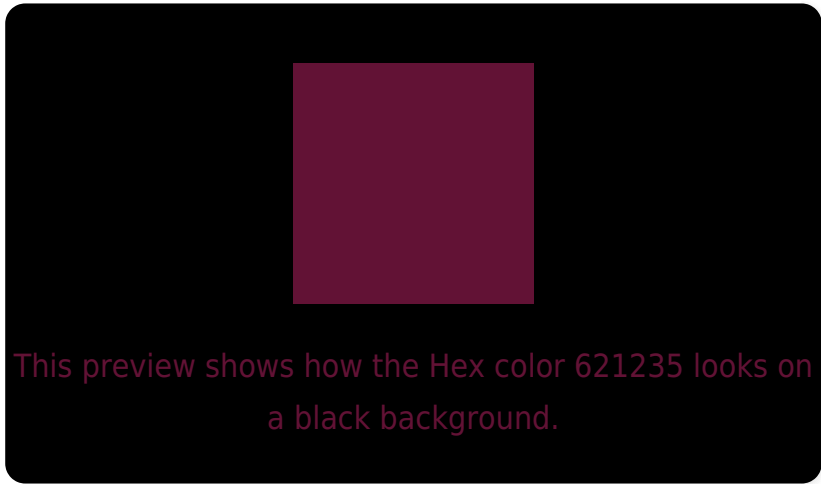
Large Text (above 18pt) WCAG AA ✓ Pass

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 621235 Background



This preview shows how black text looks on a background with the Hex color 621235.



This preview shows how white text looks on a background with the Hex color 621235.

# 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**  
621235

**Protanopia**  
2F3449

**Deuteranopia**  
3B3331



**Tritanopia**  
611A1B

# Trichromacy



**Original Color**  
621235

**Protanomaly**  
422842

**Deuteranomaly**  
492732

**Tritanomaly**  
611724

# Monochromacy



**Original Color**  
621235

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
412431

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 621235 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 #621235 looks like.

```
.text, #text, p{  
    color:#621235  
}
```

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 #621235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #621235
}
```

## Border

The CSS property to change the border of an element to Hex 621235 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
#621235 }
```

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

```
.border{ border-color:#621235 }
```

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

Here you see how a box with a 4 pixel #621235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #621235; -webkit-box-shadow:4px 4px  
4px 4px #621235; box-shadow:4px 4px 4px  
4px #621235 }
```

# Background

The CSS property to change the background color of an element to Hex 621235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#621235 }
```

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

```
.background{ background-color:#621235 }
```

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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