

# Converting Colors

Hex(A24157)

Have a look what the booklet for  
Hex(A24157) contains.

<b>Hex(A24157)</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(A24157)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A24157
RGB	162, 65, 87
RGB Percent	64%, 25%, 34%
CMY	0.3647, 0.7451, 0.6588
CMYK	0.00, 0.60, 0.46, 0.36
HSL	346°, 43%, 45%
HSV	346°, 60%, 64%
XYZ	18.5109, 12.1501, 10.3864
YIQ	96.5110, 50.7500, 27.4060

# Conversions

## Conversions Part 2

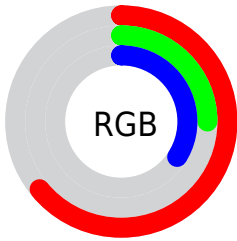
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 65, 87
Decimal	10633559
CIE <sub>Lab</sub>	41.45, 42.18, 7.68
CIE <sub>LCh</sub>	41, 42.871, 10.313
Yxy	12.1501, 0.4510, 0.2960
Android (android.graphics.Color)	4288823639 (0xFFA24157)
YUV	96.5110, -4.6889, 57.4339
Hunter-Lab	34.8570, 33.7931, 6.7331

# Details

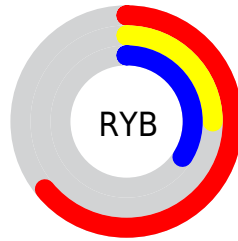
The Hex color **A24157** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **41A28C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **DC7589**, and **6A072A** is the 20% darker color. If you saturate the color by 10%, you get **A2314A**, and if you desaturate by 10%, it is **A25164**.

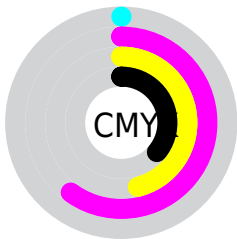
# Distribution



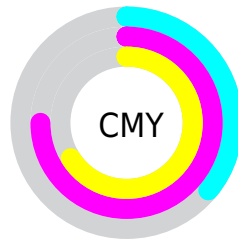
- Red (64%)
- Green (25%)
- Blue (34%)



- Red (64%)
- Yellow (25%)
- Blue (34%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (36%)



- Cyan (36%)
- Magenta (75%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A24157 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 A24157 by changing the saturation by 10% instead.



 A24157

 A24157

FFFFFF

 862740

 DC7589

 6A072A

 FA90A3

 4F0016

 FFABBE

 360001

 FFC7DA

 0E0000

 FFE4F6

 000000

 A24157

 A24157

 A2314A

 A25164

 A2213E

 A26170

 A21031

 A2727D

 A20025

 A28289

 A29296

 A2A2A2

 A2B2AF

 A2C3BB

 A2D3C8

# Harmonies

## Analogous

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



95457A



A24157



9C4A36

# Triad

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



A24157



436C29



006CA4

# Complementary

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



A24157



41A28C

# 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.



00718F



A24157



007149

# Square

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



A24157



696415



00736D



3262A7

# Rectangle

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



A24157



8F5324



00736D



006E9F



# Sweetspot

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



A24157



D4AEB6



8B41A2



6B5459



EBEBEB



6B6B6B



# Same Dimension

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



A24157



D43B5E



A25B41



52494B



910021



120004



# Inverse Universe

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



A24157



D43B5E



4188A2



52494B



910021

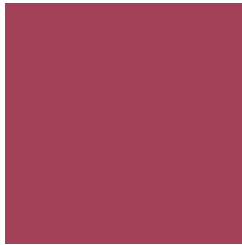


120004



# Previews

## White Background



This preview shows how the Hex color A24157 looks on a white background.

## Color Contrast Check

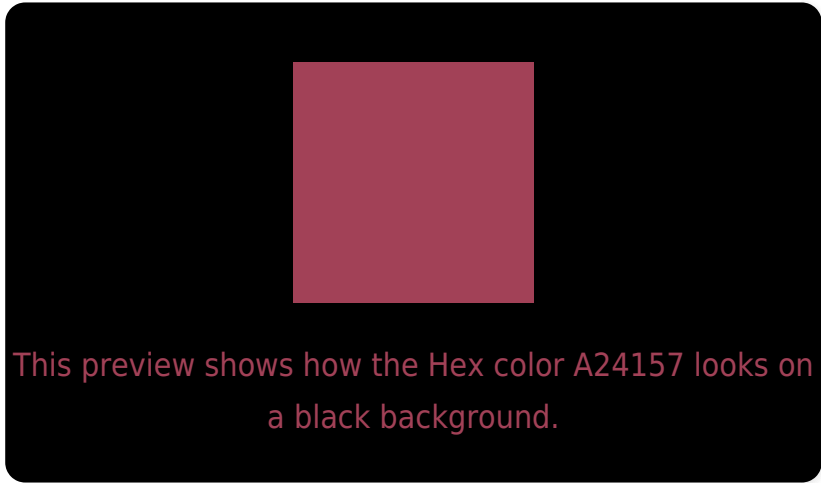
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

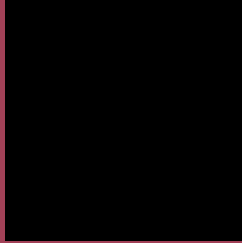
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A24157 Background



This preview shows how black text looks on a background with the Hex color A24157.

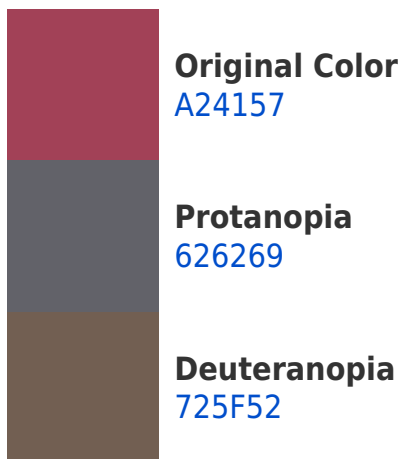



This preview shows how white text looks on a background with the Hex color A24157.

# 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](#).

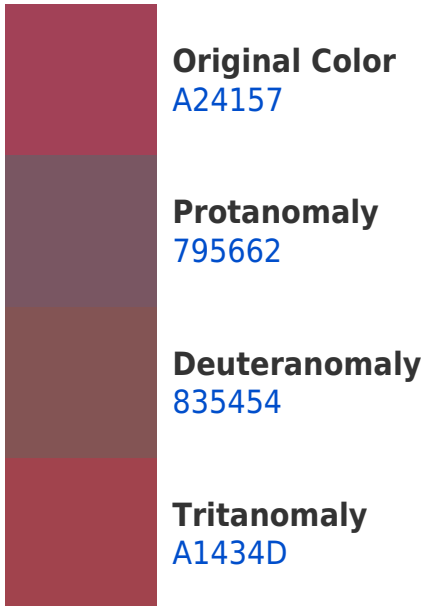
## Dichromacy



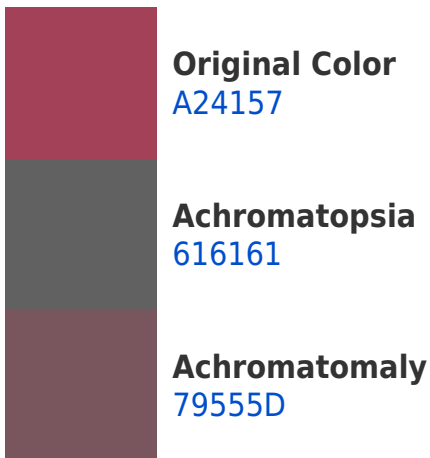


**Tritanopia**  
A14448

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A24157 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 #A24157 looks like.

```
.text, #text, p{  
    color:#A24157  
}
```

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 #A24157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A24157
}
```

## Border

The CSS property to change the border of an element to Hex A24157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

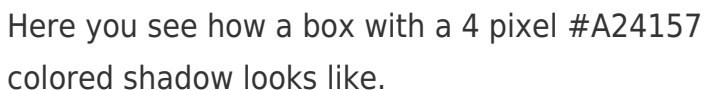
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A24157 }
```

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

```
.border{ border-color:#A24157 }
```

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



Here you see how a box with a 4 pixel #A24157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A24157; -webkit-box-shadow:4px 4px  
4px 4px #A24157; box-shadow:4px 4px 4px  
4px #A24157 }
```

# Background

The CSS property to change the background color of an element to Hex A24157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A24157 }
```

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

```
.background{ background-color:#A24157 }
```

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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