

# Converting Colors

Hex(624058)

Have a look what the booklet for  
Hex(624058) contains.

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# Color

**Hex(624058)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	624058
RGB	98, 64, 88
RGB Percent	38%, 25%, 35%
CMY	0.6157, 0.7490, 0.6549
CMYK	0.00, 0.35, 0.10, 0.62
HSL	318°, 21%, 32%
HSV	318°, 35%, 38%
XYZ	8.6319, 6.9680, 10.1225
YIQ	76.9020, 12.5600, 14.6720

# Conversions

## Conversions Part 2

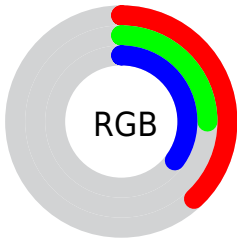
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">98, 64, 88</a>
Decimal	<a href="#">6439000</a>
CIELab	<a href="#">31.73, 19.00, -8.30</a>
CIElCh	<a href="#">32, 20.731, 336.392</a>
Yxy	<a href="#">6.9680, 0.3356, 0.2709</a>
Android (android.graphics.Color)	<a href="#">4284629080 (0xFF624058)</a>
YUV	<a href="#">76.9020, 5.4713, 18.5029</a>
Hunter-Lab	<a href="#">26.3971, 12.1748, -4.2581</a>

# Details

The Hex color **624058** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40624A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **95708A**, and **33142B** is the 20% darker color. If you saturate the color by 10%, you get **623655**, and if you desaturate by 10%, it is **624A5B**.

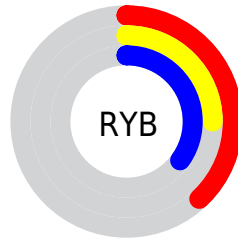
# Distribution



Red (38%)

Green (25%)

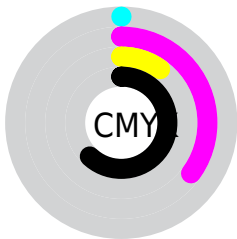
Blue (35%)



Red (38%)

Yellow (25%)

Blue (35%)

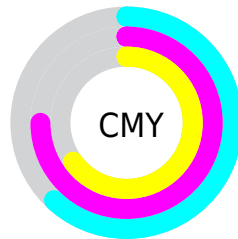


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (62%)



Cyan (62%)

Magenta (75%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624058 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 624058 by changing the saturation by 10% instead.



624058

624058

FFFFFF

4A2941

95708A

33142B

B08AA4

1F0017

CCA4BF

000000

E8C0DB

FFDBF8

FFF8FF

624058

624058

623655

624A5B

622C52

62545E

62234F

625D61

62194C

626764

620F4A

627166

620547

627B69

620045

62856C

628E6F

629872

# Harmonies

## Analogous

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



514565



624058



6A3E48

# Triad

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



624058



524B2A



06535D

# Complementary

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



624058



40624A

# 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.



16534E



624058



414F30

# Square

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



624058



60452D



2D523D



1D5068

# Rectangle

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



624058



6A3F3D



2D523D



085359



# Sweetspot

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



624058



80737C



4A4062



40383E



BFBFBF



404040



# Same Dimension

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



624058



804A70



624047



302C2F



70004F



F000A9



# Inverse Universe

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



624058



804A70



40625B



302C2F



70004F

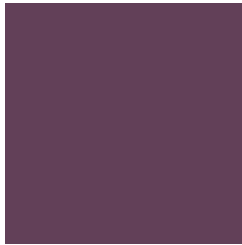


F000A9



# Previews

## White Background



This preview shows how the Hex color 624058 looks on a white background.

## Color Contrast Check

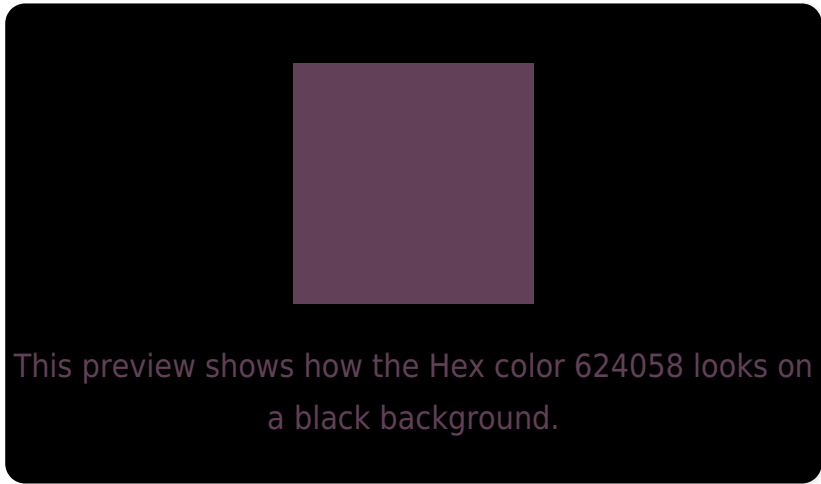
Large Text (above 18pt) WCAG AA ✓ Pass

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

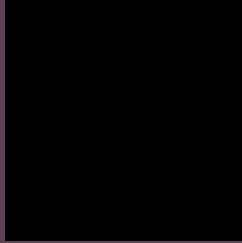
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 624058 Background



This preview shows how black text looks on a background with the Hex color 624058.



This preview shows how white text looks on a background with the Hex color 624058.

# 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**  
624058

**Protanopia**  
464A5F

**Deuteranopia**  
4D4956



**Tritanopia**  
604348

# Trichromacy



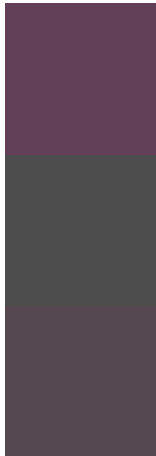
**Original Color**  
624058

**Protanomaly**  
50465C

**Deuteranomaly**  
554657

**Tritanomaly**  
61424E

# Monochromacy



**Original Color**  
624058

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
554851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624058 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 #624058 looks like.

```
.text, #text, p{  
    color:#624058  
}
```

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 #624058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624058
}
```

## Border

The CSS property to change the border of an element to Hex 624058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

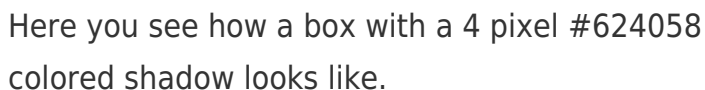
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624058 }
```

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

```
.border{ border-color:#624058 }
```

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



Here you see how a box with a 4 pixel #624058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624058; -webkit-box-shadow:4px 4px  
4px 4px #624058; box-shadow:4px 4px 4px  
4px #624058 }
```

# Background

The CSS property to change the background color of an element to Hex 624058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624058 }
```

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

```
.background{ background-color:#624058 }
```

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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