

# Converting Colors

Hex(624E59)

Have a look what the booklet for  
Hex(624E59) contains.

<b>Hex(624E59)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(624E59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	624E59
RGB	98, 78, 89
RGB Percent	38%, 31%, 35%
CMY	0.6157, 0.6941, 0.6510
CMYK	0.00, 0.20, 0.09, 0.62
HSL	327°, 11%, 35%
HSV	327°, 20%, 38%
XYZ	9.5646, 8.7667, 10.6392
YIQ	85.2340, 8.3890, 7.6610

# Conversions

## Conversions Part 2

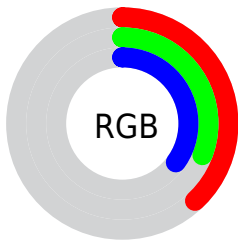
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 78, 89
Decimal	6442585
CIE Lab	35.53, 10.45, -3.27
CIE LCh	36, 10.949, 342.614
Yxy	8.7667, 0.3301, 0.3026
Android (android.graphics.Color)	4284632665 (0xFF624E59)
YUV	85.2340, 1.8566, 11.1958
Hunter-Lab	29.6086, 5.8462, -0.5785

# Details

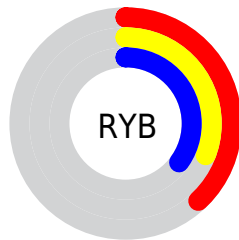
The Hex color **624E59** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E6257**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **957F8B**, and **33222C** is the 20% darker color. If you saturate the color by 10%, you get **624455**, and if you desaturate by 10%, it is **62585D**.

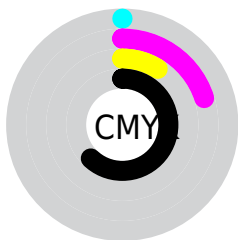
# Distribution



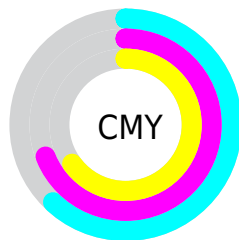
- Red (38%)
- Green (31%)
- Blue (35%)



- Red (38%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (62%)



- Cyan (62%)
- Magenta (69%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624E59 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 624E59 by changing the saturation by 10% instead.



624E59

624E59

FFFFFF

4A3742

957F8B

33222C

B099A5

1E0C17

CBB4C0

000000

E7CFDC

FFECF9

624E59

624E59

624455

62585D

623A50

626262

62314C

626B66

622747

62756B

621D43

627F6F

62133F

628973

62093A

629378

620036

629C7C

62A681

# Harmonies

## Analogous

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



5A5060



624E59



664D50

# Triad

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



624E59



575443



3D585F

# Complementary

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



624E59



4E6257

# 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.



3D5957



624E59



4D5747

# Square

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



624E59



5F5143



43584E



445664

# Rectangle

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



624E59



664E4B



43584E



3C585D



# Sweetspot

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



624E59



80787C



574E62



403B3E



BFBFBF



404040



# Same Dimension

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



624E59



806172



624E4F



302C2E



70003E



F00084



# Inverse Universe

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



624E59



806172



4E6261



302C2E



70003E



F00084



# Previews

## White Background



This preview shows how the Hex color 624E59 looks on a white background.

## Color Contrast Check

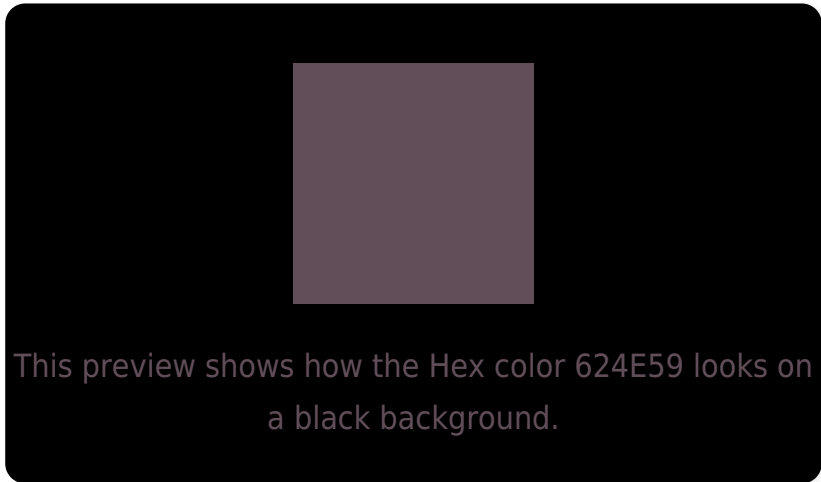
Large Text (above 18pt) WCAG AA ✓ Pass

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 624E59 Background



This preview shows how black text looks on a background with the Hex color 624E59.



This preview shows how white text looks on a background with the Hex color 624E59.

# 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**  
624E59

**Protanopia**  
53535C

**Deuteranopia**  
5A5158



**Tritanopia**  
614F55

# Trichromacy



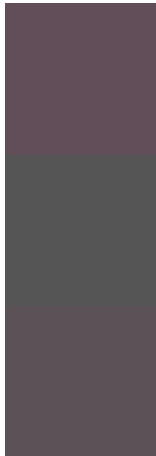
**Original Color**  
624E59

**Protanomaly**  
58515B

**Deuteranomaly**  
5D5058

**Tritanomaly**  
614F56

# Monochromacy



**Original Color**  
624E59

**Achromatopsia**  
555555

**Achromatomaly**  
5A5256

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624E59 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 #624E59 looks like.

```
.text, #text, p{  
    color:#624E59  
}
```

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 #624E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624E59
}
```

## Border

The CSS property to change the border of an element to Hex 624E59 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".

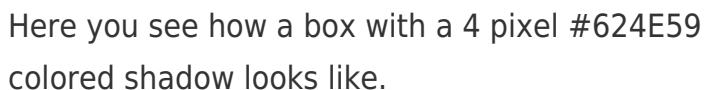
```
.border, #border, table{ border:4px solid
#624E59 }
```

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

```
.border{ border-color:#624E59 }
```

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

Here you see how a box with a 4 pixel #624E59 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624E59; -webkit-box-shadow:4px 4px  
4px 4px #624E59; box-shadow:4px 4px 4px  
4px #624E59 }
```

# Background

The CSS property to change the background color of an element to Hex 624E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624E59 }
```

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

```
.background{ background-color:#624E59 }
```

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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