

Converting Colors

Hex(624127)

Have a look what the booklet for
Hex(624127) contains.

Hex(624127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(624127)

Conversions

Conversions Part 1

Format	Color
Hex	624127
RGB	98, 65, 39
RGB Percent	38%, 25%, 15%
CMY	0.6157, 0.7451, 0.8471
CMYK	0.00, 0.34, 0.60, 0.62
HSL	26°, 43%, 27%
HSV	26°, 60%, 38%
XYZ	7.2935, 6.5237, 2.7943
YIQ	71.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

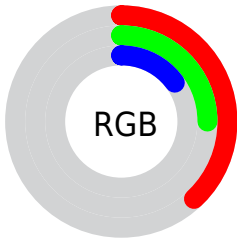
Format	Color
RYB	98, 85, 39
Decimal	6439207
CIELab	30.70, 11.19, 21.52
CIElCh	31, 24.256, 62.522
Yxy	6.5237, 0.4391, 0.3927
Android (android.graphics.Color)	4284629287 (0xFF624127)
YUV	71.9030, -16.2212, 22.8871
Hunter-Lab	25.5416, 6.2735, 11.3928

Details

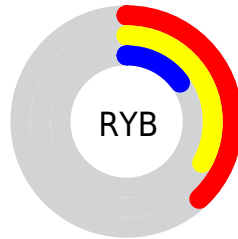
The Hex color **624127** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **274862**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **977155**, and **311600** is the 20% darker color. If you saturate the color by 10%, you get **623C1D**, and if you desaturate by 10%, it is **624631**.

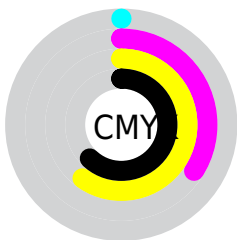
Distribution



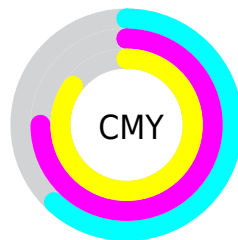
- Red (38%)
- Green (25%)
- Blue (15%)



- Red (38%)
- Yellow (33%)
- Blue (15%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)
- Black (62%)



- Cyan (62%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 624127 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 624127 by changing the saturation by 10% instead.

■ 624127

■ 624127

FFFFFF

■ 492B12

■ 977155

■ 311600

■ B28A6D

■ 1A0000

■ CFA587

■ 000000

■ EBC0A1

■ FFDCBC

■ FFF8D8

■ FFFFF4

■ 624127

■ 624127

■ 623C1D

■ 624631

■ 623613

■ 624C3B

■ 62310A

■ 625144

■ 622B00

■ 62574E

■ 625C58

■ 626262

■ 62676C

■ 626D75

■ 62727F

Harmonies

Analogous

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



6B3B35



624127



524822

Triad

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



624127



005249



4C4368

Complementary

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



624127



274862

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.



2D4A6E



624127



00525C

Square

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



624127



275136



004F69



613C5A

Rectangle

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



624127



464C24



004F69



43456B

Sweetspot

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



624127



807369



622748



403832



BFBFBF



404040

Same Dimension

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



624127



804C24



625E27



302E2C



703100



F06A00

Inverse Universe

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



274862



245780



272B62



2C2E30



003F70



0086F0

Previews

White Background



This preview shows how the Hex color 624127 looks on a white background.

Color Contrast Check

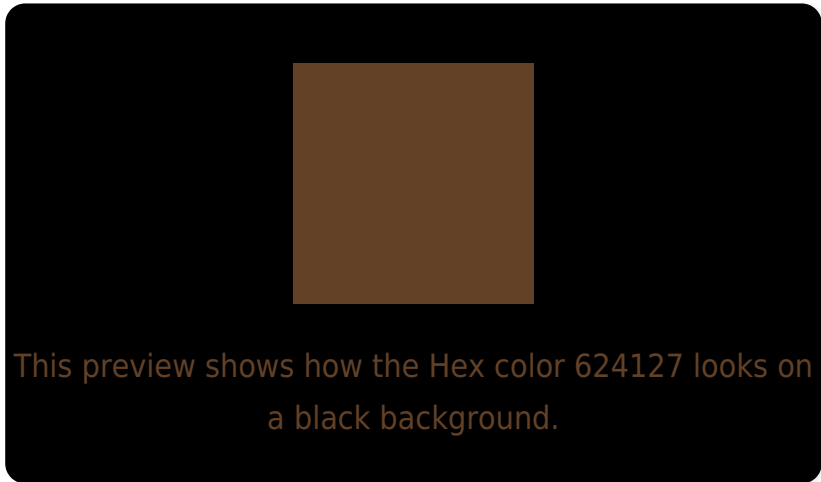
Large Text (above 18pt) WCAG AA ✓ Pass

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 624127 Background



This preview shows how black text looks on a background with the Hex color 624127.



This preview shows how white text looks on a background with the Hex color 624127.

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](#).

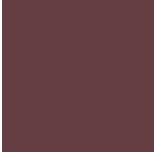
Dichromacy



Original Color
624127

Protanopia
50492A

Deuteranopia
594526



Tritanopia
643E42

Trichromacy



Original Color
624127

Protanomaly
574629

Deuteranomaly
5C4426

Tritanomaly
633F38

Monochromacy



Original Color
624127

Achromatopsia
484848

Achromatomaly
51453C

CSS Examples

Text

The CSS property to change the color of the text to Hex 624127 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 #624127 looks like.

```
.text, #text, p{  
    color:#624127  
}
```

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 #624127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624127
}
```

Border

The CSS property to change the border of an element to Hex 624127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

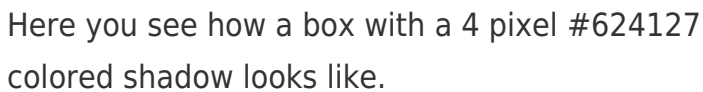
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#624127 }
```

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

```
.border{ border-color:#624127 }
```

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



Here you see how a box with a 4 pixel #624127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624127; -webkit-box-shadow:4px 4px  
4px 4px #624127; box-shadow:4px 4px 4px  
4px #624127 }
```

Background

The CSS property to change the background color of an element to Hex 624127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624127 }
```

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

```
.background{ background-color:#624127 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor