

Converting Colors

Hex(64224E)

Have a look what the booklet for
Hex(64224E) contains.

Hex(64224E)	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(64224E)

Conversions

Conversions Part 1

Format	Color
Hex	64224E
RGB	100, 34, 78
RGB Percent	39%, 13%, 31%
CMY	0.6078, 0.8667, 0.6941
CMYK	0.00, 0.66, 0.22, 0.61
HSL	320°, 49%, 26%
HSV	320°, 66%, 39%
XYZ	7.2027, 4.4034, 7.6781
YIQ	58.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

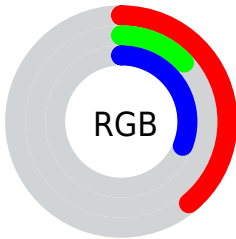
Format	Color
R_{YB}	100, 34, 78
Decimal	6562382
CIE _{Lab}	24.96, 35.02, -12.00
CIE _{LCh}	25, 37.023, 341.083
Y _{xy}	4.4034, 0.3735, 0.2283
Android (android.graphics.Color)	4284752462 (0xFF64224E)
YUV	58.7500, 9.4902, 36.1763
Hunter-Lab	20.9844, 24.5459, -7.0048

Details

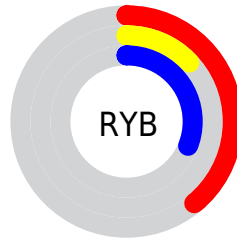
The Hex color **64224E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **226438**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **99537F**, and **330022** is the 20% darker color. If you saturate the color by 10%, you get **64184B**, and if you desaturate by 10%, it is **642C51**.

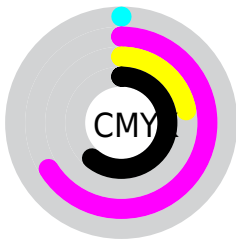
Distribution



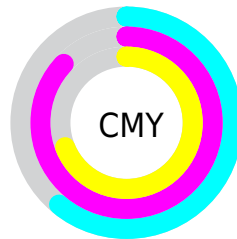
- Red (39%)
- Green (13%)
- Blue (31%)



- Red (39%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (66%)
- Yellow (22%)
- Black (61%)



- Cyan (61%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64224E 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 64224E by changing the saturation by 10% instead.

 64224E

 64224E

FFFFFF

 4B0737

 99537F

 330022

 B56C99

 180009

 D186B4

 000000

 EEA1CF

 FFBDEC

 FFD9FF

 FFF6FF

 64224E

 64224E

64184B

642C51

640E47

643655

640444

644058

640043

644A5B

64545F

645E62

646865

647269

647C6C

Harmonies

Analogous

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



492F66



64224E



6D1E32

Triad

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



64224E



3F3D00



00475F

Complementary

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



64224E



226438

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.



004845



64224E



1F440C

Square

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



64224E



573300



004728



004370

Rectangle

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



64224E



6B2320



004728



004857

Sweetspot

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



64224E



826879



382264



42323D



C2C2C2



424242

Same Dimension

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



64224E



821B60



64222D



332E31



73004D



F200A2

Inverse Universe

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



64224E



821B60



226459



332E31



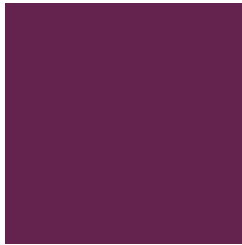
73004D



F200A2

Previews

White Background



This preview shows how the Hex color 64224E looks on a white background.

Color Contrast Check

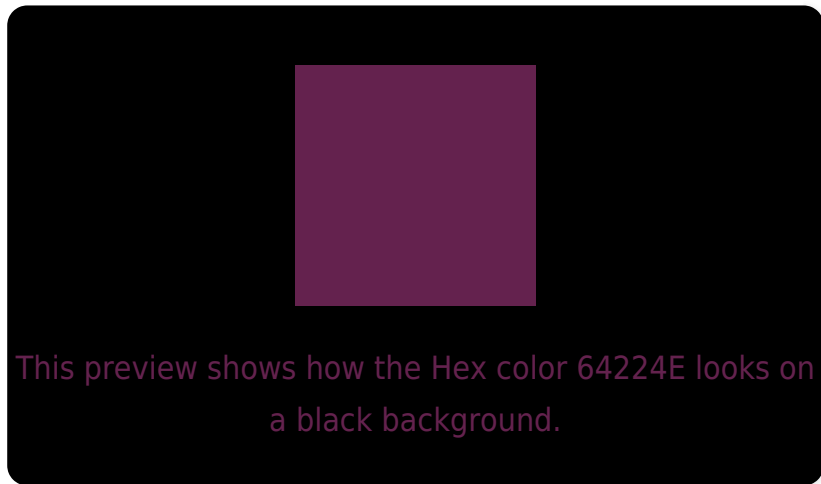
Large Text (above 18pt) WCAG AA ✓ Pass

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

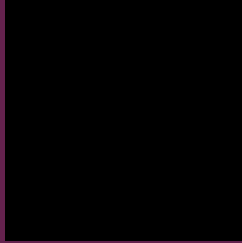
Any Text WCAG AA × Fail

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 64224E Background



This preview shows how black text looks on a background with the Hex color 64224E.

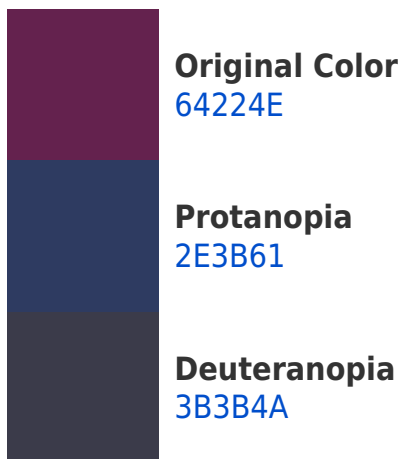


This preview shows how white text looks on a background with the Hex color 64224E.

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
612B2E

Trichromacy



Original Color
64224E

Protanomaly
42325A

Deuteranomaly
4A324B

Tritanomaly
62283A

Monochromacy



Original Color
64224E

Achromatopsia
3B3B3B

Achromatomaly
4A3242

CSS Examples

Text

The CSS property to change the color of the text to Hex 64224E 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 #64224E looks like.

```
.text, #text, p{  
    color:#64224E  
}
```

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 #64224E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64224E
}
```

Border

The CSS property to change the border of an element to Hex 64224E is called "border". The border property can be set on classes, ids or directly on the HTML element.

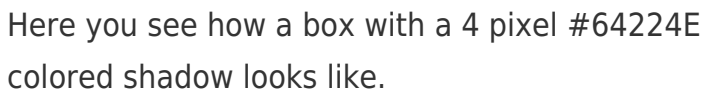
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64224E }
```

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

```
.border{ border-color:#64224E }
```

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



Here you see how a box with a 4 pixel #64224E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64224E; -webkit-box-shadow:4px 4px  
4px 4px #64224E; box-shadow:4px 4px 4px  
4px #64224E }
```

Background

The CSS property to change the background color of an element to Hex 64224E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64224E }
```

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

```
.background{ background-color:#64224E }
```

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