

Converting Colors

Hex(63224B)

Have a look what the booklet for
Hex(63224B) contains.

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Color

Hex(63224B)

Conversions

Conversions Part 1

Format	Color
Hex	63224B
RGB	99, 34, 75
RGB Percent	39%, 13%, 29%
CMY	0.6118, 0.8667, 0.7059
CMYK	0.00, 0.66, 0.24, 0.61
HSL	322°, 49%, 26%
HSV	322°, 66%, 39%
XYZ	6.9876, 4.3047, 7.1192
YIQ	58.1090, 25.5790, 26.5310

Conversions

Conversions Part 2

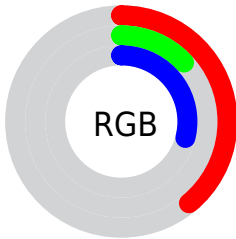
Format	Color
R_{YB}	99, 34, 75
Decimal	6496843
CIE _{Lab}	24.65, 34.23, -10.48
CIE _{LCh}	25, 35.794, 342.977
Yxy	4.3047, 0.3795, 0.2338
Android (android.graphics.Color)	4284686923 (0xFF63224B)
YUV	58.1090, 8.3273, 35.8614
Hunter-Lab	20.7478, 23.8082, -5.8208

Details

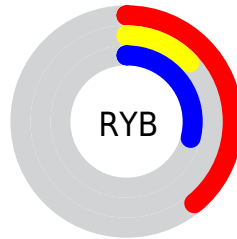
The Hex color **63224B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **22633A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **98537C**, and **32001F** is the 20% darker color. If you saturate the color by 10%, you get **631847**, and if you desaturate by 10%, it is **632C4F**.

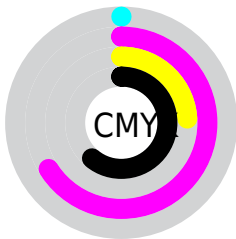
Distribution



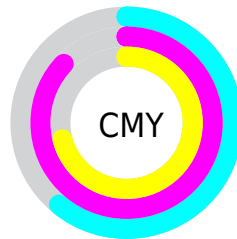
- Red (39%)
- Green (13%)
- Blue (29%)



- Red (39%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (66%)
- Yellow (24%)
- Black (61%)



- Cyan (61%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63224B 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 63224B by changing the saturation by 10% instead.

 63224B

 63224B

FFFFFF

 4A0734

 98537C

 32001F

 B36C96

 170004

 D086B0

 000000

 ECA1CC

 FFBCE8

 FFD8FF

 FFF5FF

 63224B

 63224B

631847

632C4F

630E44

633652

630440

634056

63003E

634A5A

63545D

635D61

636765

637168

637B6C

Harmonies

Analogous

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



4A2E62



63224B



6B1F30

Triad

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



63224B



3D3D00



00465F

Complementary

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



63224B



22633A

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.



004746



63224B



1E430F

Square

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



63224B



543400



00462A



00426E

Rectangle

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



63224B



68241F



00462A



004757

Sweetspot

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



63224B



806676



3A2263



40303A



BFBFBF



404040

Same Dimension

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



63224B



801B5A



63222B



302C2F



700047



F00097

Inverse Universe

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



63224B



801B5A



22635A



302C2F



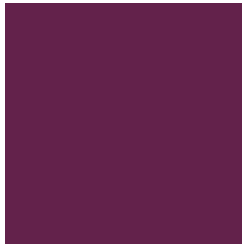
700047



F00097

Previews

White Background



This preview shows how the Hex color 63224B looks on a white background.

Color Contrast Check

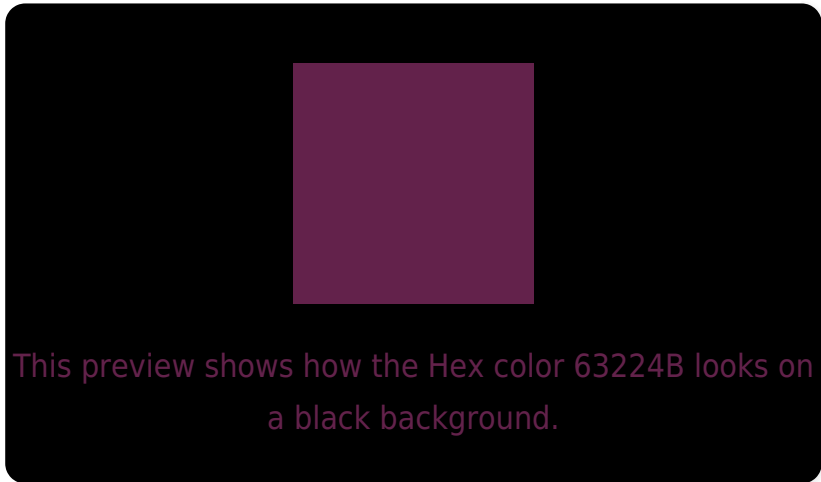
Large Text (above 18pt) WCAG AA ✓ Pass

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

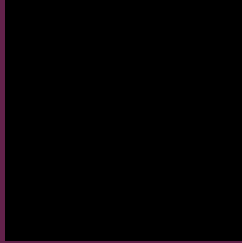
Any Text WCAG AA × Fail

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 63224B Background



This preview shows how black text looks on a background with the Hex color 63224B.



This preview shows how white text looks on a background with the Hex color 63224B.

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
63224B

Protanopia
2F3B5D

Deuteranopia
3C3A47

Trichromacy



Original Color
63224B

Protanomaly
423256

Deuteranomaly
4A3148

Tritanomaly
612738

Monochromacy



Original Color
63224B

Achromatopsia
3A3A3A

Achromatomaly
493140

CSS Examples

Text

The CSS property to change the color of the text to Hex 63224B 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 #63224B looks like.

```
.text, #text, p{  
    color:#63224B  
}
```

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 #63224B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63224B
}
```

Border

The CSS property to change the border of an element to Hex 63224B 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
#63224B }
```

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

```
.border{ border-color:#63224B }
```

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

Here you see how a box with a 4 pixel #63224B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63224B; -webkit-box-shadow:4px 4px  
4px 4px #63224B; box-shadow:4px 4px 4px  
4px #63224B }
```

Background

The CSS property to change the background color of an element to Hex 63224B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63224B }
```

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

```
.background{ background-color:#63224B }
```

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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