

Converting Colors

Hex(64452E)

Have a look what the booklet for
Hex(64452E) contains.

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Color

Hex(64452E)

Conversions

Conversions Part 1

Format	Color
Hex	64452E
RGB	100, 69, 46
RGB Percent	39%, 27%, 18%
CMY	0.6078, 0.7294, 0.8196
CMYK	0.00, 0.31, 0.54, 0.61
HSL	26°, 37%, 29%
HSV	26°, 54%, 39%
XYZ	7.8768, 7.1628, 3.5522
YIQ	75.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

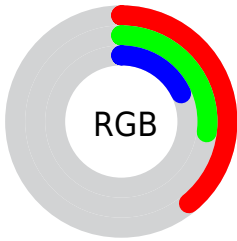
Format	Color
R_{YB}	100, 86, 46
Decimal	6571310
CIE _{Lab}	32.17, 10.34, 19.15
CIE _{LCh}	32, 21.768, 61.633
Yxy	7.1628, 0.4237, 0.3853
Android (android.graphics.Color)	4284761390 (0xFF64452E)
YUV	75.6470, -14.6160, 21.3576
Hunter-Lab	26.7635, 5.6986, 10.8652

Details

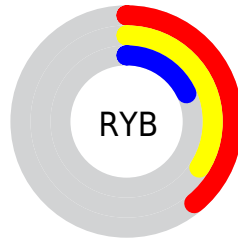
The Hex color **64452E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E4D64**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **99755C**, and **341A00** is the 20% darker color. If you saturate the color by 10%, you get **643F24**, and if you desaturate by 10%, it is **644B38**.

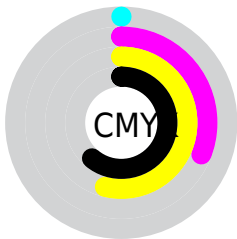
Distribution



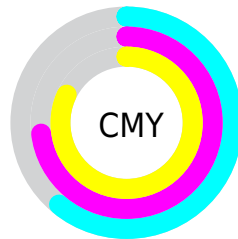
- Red (39%)
- Green (27%)
- Blue (18%)



- Red (39%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (31%)
- Yellow (54%)
- Black (61%)



- Cyan (61%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64452E 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 64452E by changing the saturation by 10% instead.



64452E



64452E

FFFFFF



4B2F19



99755C



341A00



B48F75



1C0000



D0A98F



000000



EDC5A9



FFE1C4



FFFDE0



FFFFFFD



64452E



64452E

■ 643F24

■ 644B38

■ 643A1A

■ 645042

■ 643410

■ 64564C

■ 642E06

■ 645C56

■ 642B00

■ 646260

■ 64676A

■ 646D74

■ 64737E

■ 647988

Harmonies

Analogous

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



6C403B



64452E



564B29

Triad

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



64452E



17554C



4F4769

Complementary

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



64452E



2E4D64

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.



344D6E



64452E



00545D

Square

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



64452E



2F533B



135269



62415C

Rectangle

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



64452E



4A4E2B



135269



47496B

Sweetspot

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



64452E



82766D



642E4E



423B36



C2C2C2



424242

Same Dimension

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



64452E



82522E



64602E



33302E



733100



F26700

Inverse Universe

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



2E4D64



2E5E82



2E3264



2E3133



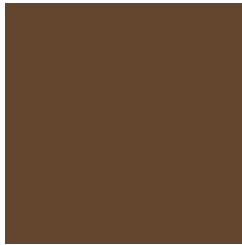
004273



008BF2

Previews

White Background



This preview shows how the Hex color 64452E looks on a white background.

Color Contrast Check

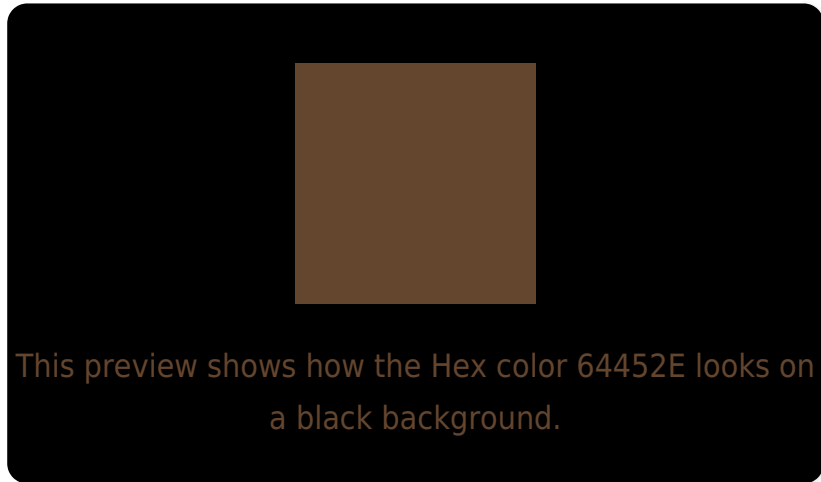
Large Text (above 18pt) WCAG AA ✓ Pass

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 64452E Background



This preview shows how black text looks on a background with the Hex color 64452E.

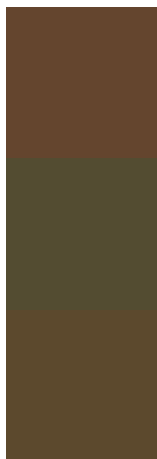


This preview shows how white text looks on a background with the Hex color 64452E.

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
64452E

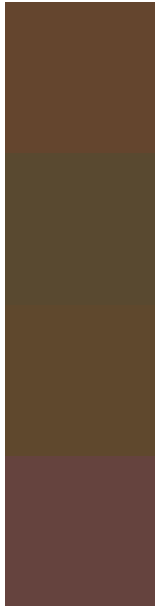
Protanopia
534C31

Deuteranopia
5C492D



Tritanopia
664247

Trichromacy



Original Color
64452E

Protanomaly
594930

Deuteranomaly
5F482D

Tritanomaly
65433E

Monochromacy



Original Color
64452E

Achromatopsia
4C4C4C

Achromatomaly
554941

CSS Examples

Text

The CSS property to change the color of the text to Hex 64452E 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 #64452E looks like.

```
.text, #text, p{  
    color:#64452E  
}
```

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 #64452E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64452E
}
```

Border

The CSS property to change the border of an element to Hex 64452E is called "border". The border property can be set on classes, ids or directly on the HTML element.

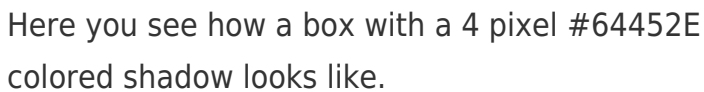
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64452E }
```

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

```
.border{ border-color:#64452E }
```

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



Here you see how a box with a 4 pixel #64452E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64452E; -webkit-box-shadow:4px 4px  
4px 4px #64452E; box-shadow:4px 4px 4px  
4px #64452E }
```

Background

The CSS property to change the background color of an element to Hex 64452E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64452E }
```

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

```
.background{ background-color:#64452E }
```

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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