

Converting Colors

Hex(64484E)

Have a look what the booklet for
Hex(64484E) contains.

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Color

Hex(64484E)

Conversions

Conversions Part 1

Format	Color
Hex	64484E
RGB	100, 72, 78
RGB Percent	39%, 28%, 31%
CMY	0.6078, 0.7176, 0.6941
CMYK	0.00, 0.28, 0.22, 0.61
HSL	347°, 16%, 34%
HSV	347°, 28%, 39%
XYZ	8.9480, 7.8941, 8.2598
YIQ	81.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

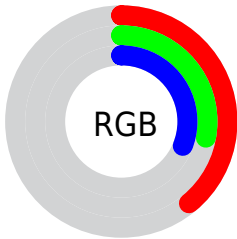
Format	Color
R_{YB}	100, 72, 78
Decimal	6572110
CIE Lab	33.76, 12.97, 1.13
CIE LCh	34, 13.018, 4.985
Yxy	7.8941, 0.3565, 0.3145
Android (android.graphics.Color)	4284762190 (0xFF64484E)
YUV	81.0560, -1.5066, 16.6139
Hunter-Lab	28.0965, 7.6791, 2.2374

Details

The Hex color **64484E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48645E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **97797F**, and **341C22** is the 20% darker color. If you saturate the color by 10%, you get **643E46**, and if you desaturate by 10%, it is **645256**.

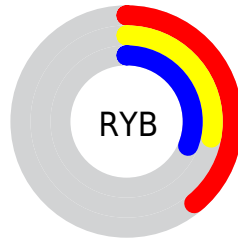
Distribution



Red (39%)

Green (28%)

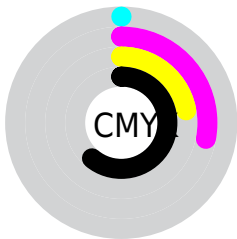
Blue (31%)



Red (39%)

Yellow (28%)

Blue (31%)

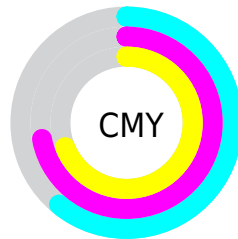


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (61%)



Cyan (61%)

Magenta (72%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64484E 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 64484E by changing the saturation by 10% instead.



64484E



64484E

FFFFFF



4C3137



97797F



341C22



B29299



20040B



CEADB4



000000



EAC9CF



FFE5EB



64484E



64484E



643E46



645256



64343E



645C5E

642A36

646666

64202F

64706D

641627

647A75

640C1F

64847D

640217

648E85

640015

64988D

64A295

Harmonies

Analogous

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



5E4958



64484E



644944

Triad

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



64484E



4A523E



395362

Complementary

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



64484E



48645E

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.



32555B



64484E



3E5446

Square

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



64484E



554F3B



355551



455064

Rectangle

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



64484E



614B3F



355551



365460

Sweetspot

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



64484E



82787A



5E4864



423C3D



C2C2C2



424242

Same Dimension

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



64484E



82565F



645048



332E2F



730019



F20034

Inverse Universe

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



64484E



82565F



485C64



332E2F



730019



F20034

Previews

White Background



This preview shows how the Hex color 64484E looks on a white background.

Color Contrast Check

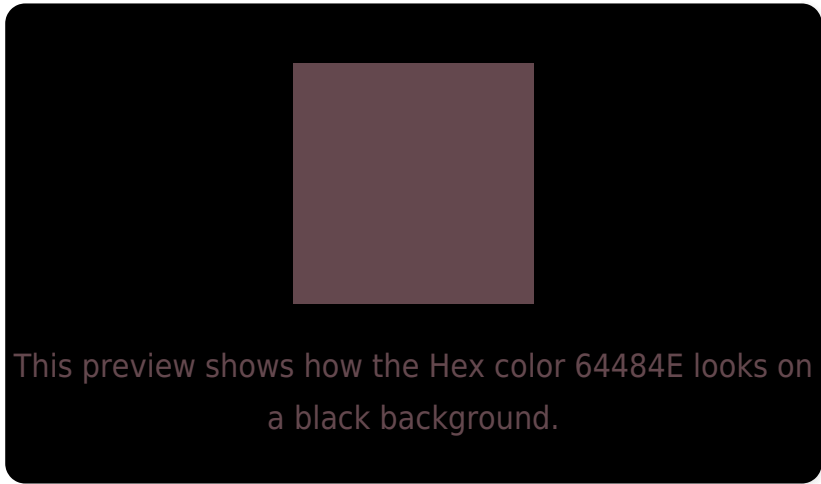
Large Text (above 18pt) WCAG AA ✓ Pass

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

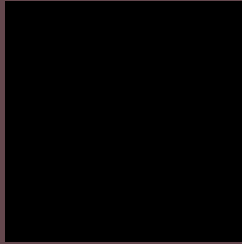
Any Text WCAG AA × Fail

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 64484E Background



This preview shows how black text looks on a background with the Hex color 64484E.



This preview shows how white text looks on a background with the Hex color 64484E.

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
64484E

Protanopia
504F52

Deuteranopia
584D4D



Tritanopia
64484E

Trichromacy



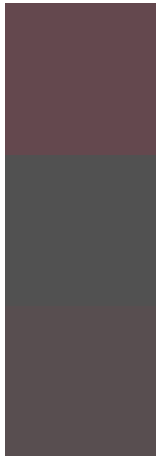
Original Color
64484E

Protanomaly
574C51

Deuteranomaly
5C4B4D

Tritanomaly
64484E

Monochromacy



Original Color
64484E

Achromatopsia
515151

Achromatomaly
584E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 64484E 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 #64484E looks like.

```
.text, #text, p{  
    color:#64484E  
}
```

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 #64484E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64484E
}
```

Border

The CSS property to change the border of an element to Hex 64484E is called "border". The border property can be set on classes, ids or directly on the HTML element.

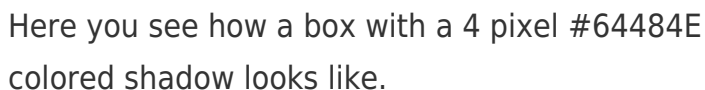
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64484E }
```

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

```
.border{ border-color:#64484E }
```

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



Here you see how a box with a 4 pixel #64484E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64484E; -webkit-box-shadow:4px 4px  
4px 4px #64484E; box-shadow:4px 4px 4px  
4px #64484E }
```

Background

The CSS property to change the background color of an element to Hex 64484E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64484E }
```

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

```
.background{ background-color:#64484E }
```

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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