

Converting Colors

Hex(78465B)

Have a look what the booklet for
Hex(78465B) contains.

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Color

Hex(78465B)

Conversions

Conversions Part 1

Format	Color
Hex	78465B
RGB	120, 70, 91
RGB Percent	47%, 27%, 36%
CMY	0.5294, 0.7255, 0.6431
CMYK	0.00, 0.42, 0.24, 0.53
HSL	335°, 26%, 37%
HSV	335°, 42%, 47%
XYZ	11.8242, 9.1287, 11.0363
YIQ	87.3440, 23.0590, 17.1310

Conversions

Conversions Part 2

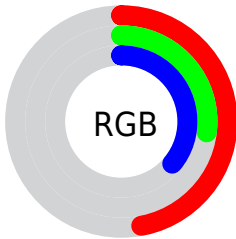
Format	Color
R_{YB}	120, 70, 91
Decimal	7882331
CIE Lab	36.23, 24.47, -3.20
CIE LCh	36, 24.677, 352.555
Yxy	9.1287, 0.3696, 0.2854
Android (android.graphics.Color)	4286072411 (0xFF78465B)
YUV	87.3440, 1.8024, 28.6393
Hunter-Lab	30.2138, 16.9822, -0.5075

Details

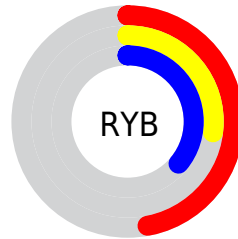
The Hex color **78465B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **467863**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AD778D**, and **46182D** is the 20% darker color. If you saturate the color by 10%, you get **783A54**, and if you desaturate by 10%, it is **785262**.

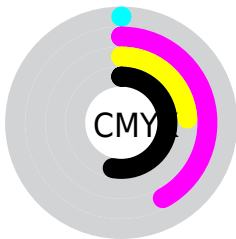
Distribution



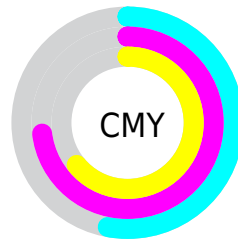
- Red (47%)
- Green (27%)
- Blue (36%)



- Red (47%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78465B 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 78465B by changing the saturation by 10% instead.

 78465B

 78465B

FFFFFF

 5E2F44

 AD778D

 46182D

 C991A7

 2E0219

 E6ACC3

 130000

 FFC8DF

 000000

 FFE4FB

 78465B

 78465B

 783A54

 785262

 782E4D

 785E69

782246

786A70

78163F

787677

780A38

78827E

780032

788E85

789A8C

78A693

78B29A

Harmonies

Analogous

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



694B6D



78465B



7B4647

Triad

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



78465B



535930



005D74

Complementary

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



78465B



467863

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.



006064



78465B



3C5D3C

Square

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



78465B



66522E



205F4F



2E597C

Rectangle

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



78465B



78493B



205F4F



005E6F

Sweetspot

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



78465B



9C8790



624678



4F4248



CFCFCF



4F4F4F

Same Dimension

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



78465B



9C4E6E



784946



3D373A



7D0034



FC006A

Inverse Universe

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



78465B



9C4E6E



467578



3D373A



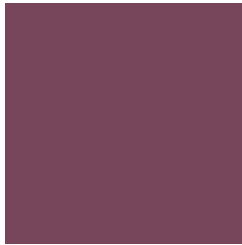
7D0034



FC006A

Previews

White Background



This preview shows how the Hex color 78465B looks on a white background.

Color Contrast Check

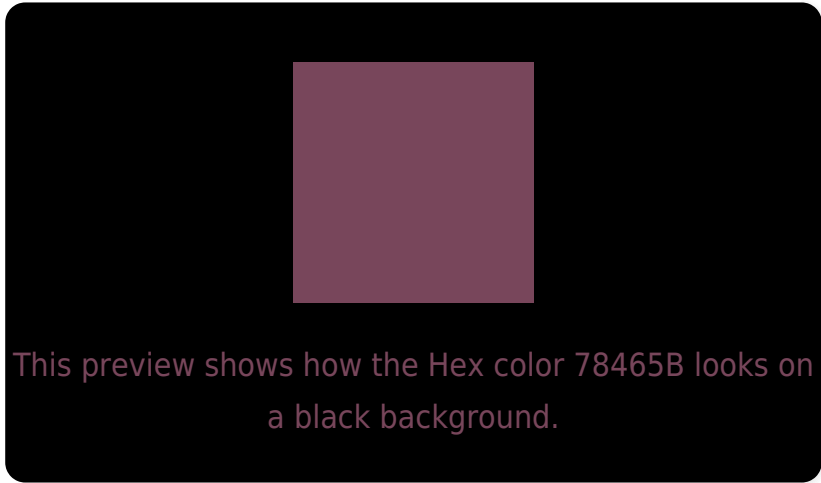
Large Text (above 18pt) WCAG AA ✓ Pass

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

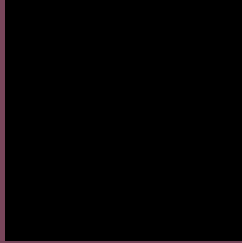
Any Text WCAG AA × Fail

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 78465B Background



This preview shows how black text looks on a background with the Hex color 78465B.

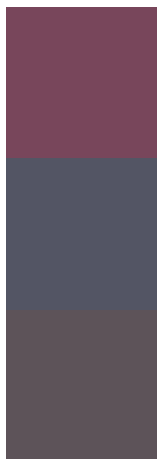


This preview shows how white text looks on a background with the Hex color 78465B.

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
78465B

Protanopia
535564

Deuteranopia
5D5359



Tritanopia
77484E

Trichromacy



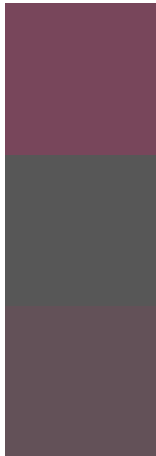
Original Color
78465B

Protanomaly
605061

Deuteranomaly
674E5A

Tritanomaly
774753

Monochromacy



Original Color
78465B

Achromatopsia
575757

Achromatomaly
635158

CSS Examples

Text

The CSS property to change the color of the text to Hex 78465B 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 #78465B looks like.

```
.text, #text, p{  
    color:#78465B  
}
```

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 #78465B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78465B
}
```

Border

The CSS property to change the border of an element to Hex 78465B is called "border". The border property can be set on classes, ids or directly on the HTML element.

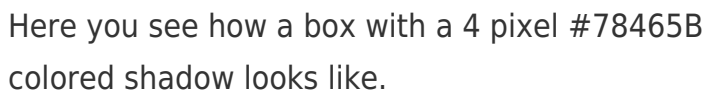
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78465B }
```

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

```
.border{ border-color:#78465B }
```

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



Here you see how a box with a 4 pixel #78465B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78465B; -webkit-box-shadow:4px 4px  
4px 4px #78465B; box-shadow:4px 4px 4px  
4px #78465B }
```

Background

The CSS property to change the background color of an element to Hex 78465B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78465B }
```

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

```
.background{ background-color:#78465B }
```

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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