

Converting Colors

Hex(B78352)

Have a look what the booklet for
Hex(B78352) contains.

Hex(B78352)	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(B78352)

Conversions

Conversions Part 1

Format	Color
Hex	B78352
RGB	183, 131, 82
RGB Percent	72%, 51%, 32%
CMY	0.2824, 0.4863, 0.6784
CMYK	0.00, 0.28, 0.55, 0.28
HSL	29°, 41%, 52%
HSV	29°, 55%, 72%
XYZ	29.1677, 26.9091, 11.6393
YIQ	140.9620, 46.7210, -4.2150

Conversions

Conversions Part 2

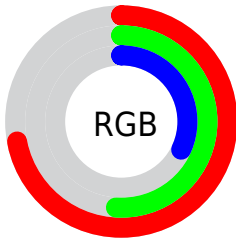
Format	Color
R_{YB}	183, 177, 82
Decimal	12026706
CIE _{Lab}	58.89, 14.45, 34.20
CIE _{LCh}	59, 37.130, 67.093
Yxy	26.9091, 0.4307, 0.3974
Android (android.graphics.Color)	4290216786 (0xFFB78352)
YUV	140.9620, -29.0683, 36.8673
Hunter-Lab	51.8740, 9.5877, 23.0085

Details

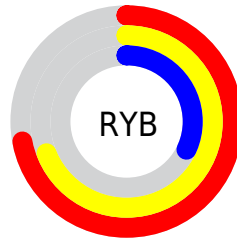
The Hex color **B78352** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5286B7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **F1B884**, and **7F5223** is the 20% darker color. If you saturate the color by 10%, you get **B77A40**, and if you desaturate by 10%, it is **B78C64**.

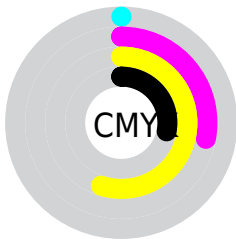
Distribution



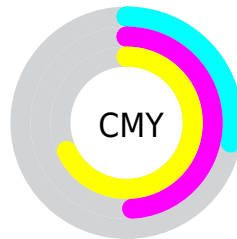
- Red (72%)
- Green (51%)
- Blue (32%)



- Red (72%)
- Yellow (69%)
- Blue (32%)



- Cyan (0%)
- Magenta (28%)
- Yellow (55%)
- Black (28%)



- Cyan (28%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78352 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 B78352 by changing the saturation by 10% instead.

 B78352

 B78352

FFFFFF

 9B6A3A

 F1B884

 7F5223

 FFD49F

 643A0C

 FFF0BA

 4A2400

 FFFFD6

 301000

 FFFFF2

 150000

 000000

 B78352

 B78352

 B77A40

 B78C64

 B7702D

 B79677

 B7671B

 B79F89

 B75D09

 B7A99B

 B75900

 B7B2AE

 B7BCC0

 B7C5D2

 B7CEE4

 B7D8F7

Harmonies

Analogous

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



C97868



B78352



9B8E4C

Triad

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



B78352



019F95



9B82C2

Complementary

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



B78352



5286B7

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.



698ECE



B78352



009DB4

Square

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



B78352



4E9D73



1E98C9



BD78A8

Rectangle

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



B78352



849552



1E98C9



8C86C8

Sweetspot

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



B78352



EDD8C5



B75286



786C60



F7F7F7



787878

Same Dimension

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



B78352



ED9D51



B7B552



5C5753



9C4B00



1C0E00

Inverse Universe

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



5286B7



51A1ED



5254B7



53575C



00509C



000E1C

Previews

White Background



This preview shows how the Hex color B78352 looks on a white background.

Color Contrast Check

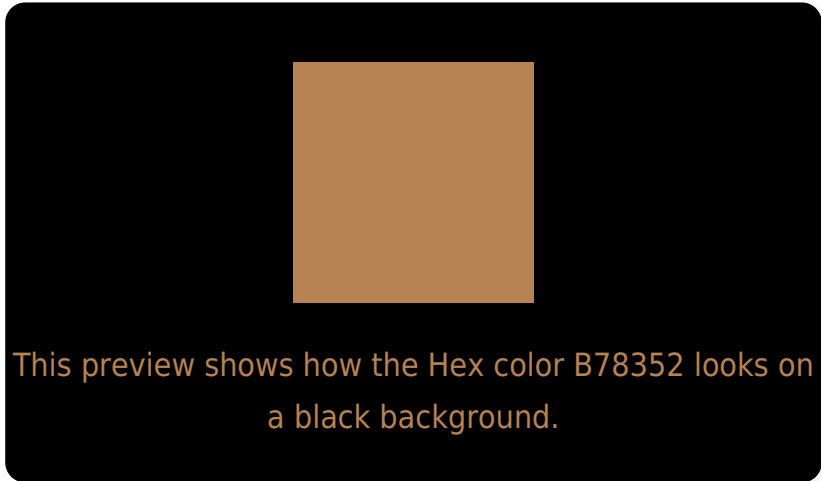
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

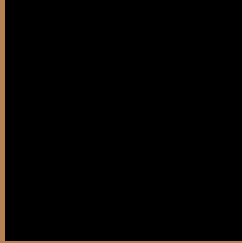
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B78352 Background



This preview shows how black text looks on a background with the Hex color B78352.



This preview shows how white text looks on a background with the Hex color B78352.

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
B78352

Protanopia
9B8E56

Deuteranopia
AD8751



Tritanopia
BB7D86

Trichromacy



Original Color
B78352

Protanomaly
A58A55

Deuteranomaly
B18651

Tritanomaly
BA7F73

Monochromacy



Original Color
B78352

Achromatopsia
8D8D8D

Achromatomaly
9C8978

CSS Examples

Text

The CSS property to change the color of the text to Hex B78352 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 #B78352 looks like.

```
.text, #text, p{  
    color:#B78352  
}
```

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 #B78352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78352
}
```

Border

The CSS property to change the border of an element to Hex B78352 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
#B78352 }
```

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

```
.border{ border-color:#B78352 }
```

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

Here you see how a box with a 4 pixel #B78352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78352; -webkit-box-shadow:4px 4px  
4px 4px #B78352; box-shadow:4px 4px 4px  
4px #B78352 }
```

Background

The CSS property to change the background color of an element to Hex B78352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78352 }
```

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

```
.background{ background-color:#B78352 }
```

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