

Converting Colors

Hex(78B056)

Have a look what the booklet for
Hex(78B056) contains.

Hex(78B056)	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(78B056)

Conversions

Conversions Part 1

Format	Color
Hex	78B056
RGB	120, 176, 86
RGB Percent	47%, 69%, 34%
CMY	0.5294, 0.3098, 0.6627
CMYK	0.32, 0.00, 0.51, 0.31
HSL	97°, 36%, 51%
HSV	97°, 51%, 69%
XYZ	24.9508, 35.7156, 14.3829
YIQ	148.9960, -4.4860, -39.8620

Conversions

Conversions Part 2

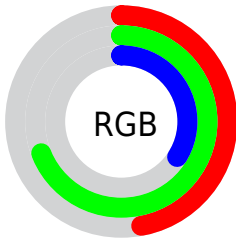
Format	Color
RYB	86, 176, 142
Decimal	7909462
CIELab	66.30, -34.60, 40.04
CIElCh	66, 52.922, 130.831
Yxy	35.7156, 0.3325, 0.4759
Android (android.graphics.Color)	4286099542 (0xFF78B056)
YUV	148.9960, -31.0570, -25.4295
Hunter-Lab	59.7625, -30.0610, 27.5647

Details

The Hex color **78B056** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8E56B0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AFE88A**, and **437B24** is the 20% darker color. If you saturate the color by 10%, you get **6DB044**, and if you desaturate by 10%, it is **83B068**.

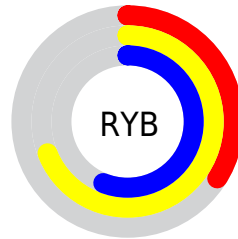
Distribution



Red (47%)

Green (69%)

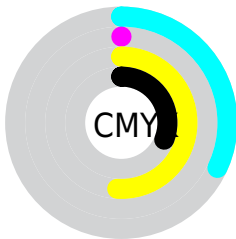
Blue (34%)



Red (34%)

Yellow (69%)

Blue (56%)

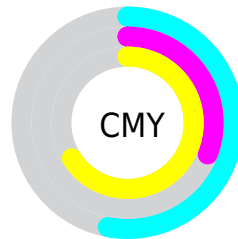


Cyan (32%)

Magenta (0%)

Yellow (51%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B056 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 78B056 by changing the saturation by 10% instead.



78B056



78B056

FFFFFF



5D953D



AFE88A



437B24



CBFFA5



296208



E8FFC0



0A4900



FFFFDC



003200



FFFFF9



001E00



000000



78B056



78B056



6DB044



83B068

 62B033

 8EB079

 57B021

 99B08B

 4CB010

 A4B09C

 42B000

 AFB0AE

 BAB0C0

 C5B0D1

 D0B0E3

 DBB0F4

Harmonies

Analogous

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



ACA43F



78B056



24B780

Triad

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



78B056



00AFFA



FA7892

Complementary

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



78B056



8E56B0

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.



E87DC2



78B056



6DA0FF

Square

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



78B056



00B7DE



BB8EE9



F18265

Rectangle

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



78B056



00B9A1



BB8EE9



F778A2

Sweetspot

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



78B056



D0E6C3



B08E56



66735E



F2F2F2



737373

Same Dimension

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



78B056



8EE65A



56B061



545950



3A9900



0A1A00

Inverse Universe

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



8E56B0



B15AE6



B056A6



565059



5F0099



10001A

Previews

White Background



This preview shows how the Hex color 78B056 looks on a white background.

Color Contrast Check

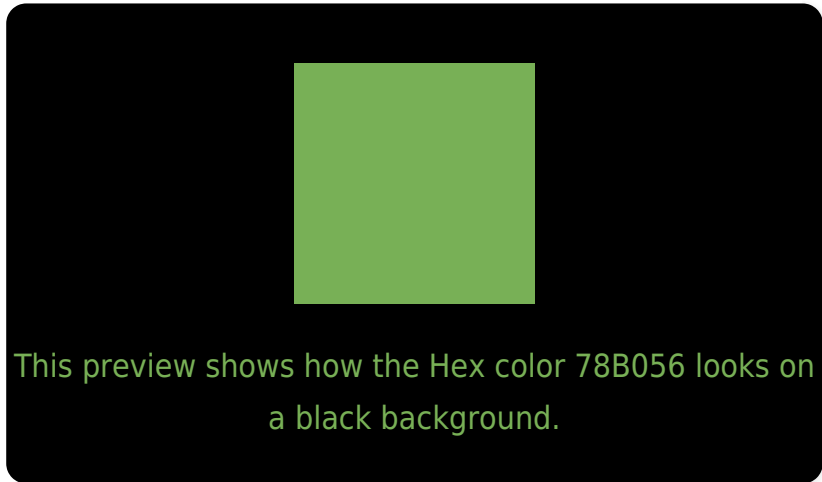
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 78B056 Background



This preview shows how black text looks on a background with the Hex color 78B056.



This preview shows how white text looks on a background with the Hex color 78B056.

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





Tritanopia
87A6B3

Trichromacy



Original Color
78B056

Protanomaly
9CA653

Deuteranomaly
A8A15A

Tritanomaly
82AA91

Monochromacy



Original Color
78B056

Achromatopsia
959595

Achromatomaly
8A9F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 78B056 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 #78B056 looks like.

```
.text, #text, p{  
    color:#78B056  
}
```

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 #78B056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B056
}
```

Border

The CSS property to change the border of an element to Hex 78B056 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
#78B056 }
```

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

```
.border{ border-color:#78B056 }
```

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

Here you see how a box with a 4 pixel #78B056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B056; -webkit-box-shadow:4px 4px  
4px 4px #78B056; box-shadow:4px 4px 4px  
4px #78B056 }
```

Background

The CSS property to change the background color of an element to Hex 78B056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B056 }
```

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

```
.background{ background-color:#78B056 }
```

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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