

Converting Colors

Hex(78B467)

Have a look what the booklet for
Hex(78B467) contains.

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Color

Hex(78B467)

Conversions

Conversions Part 1

Format	Color
Hex	78B467
RGB	120, 180, 103
RGB Percent	47%, 71%, 40%
CMY	0.5294, 0.2941, 0.5961
CMYK	0.33, 0.00, 0.43, 0.29
HSL	107°, 34%, 55%
HSV	107°, 43%, 71%
XYZ	26.5152, 37.6149, 18.6949
YIQ	153.2820, -11.0430, -36.6670

Conversions

Conversions Part 2

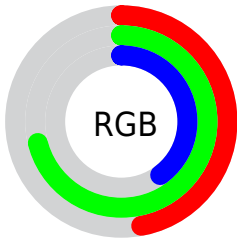
Format	Color
RYB	103, 180, 163
Decimal	7910503
CIELab	67.74, -34.23, 33.21
CIElCh	68, 47.691, 135.861
Yxy	37.6149, 0.3201, 0.4541
Android (android.graphics.Color)	4286100583 (0xFF78B467)
YUV	153.2820, -24.7890, -29.1883
Hunter-Lab	61.3310, -30.1584, 24.8589

Details

The Hex color **78B467** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A367B4**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AEEC9B**, and **447F36** is the 20% darker color. If you saturate the color by 10%, you get **6AB455**, and if you desaturate by 10%, it is **86B479**.

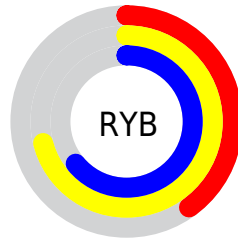
Distribution



Red (47%)

Green (71%)

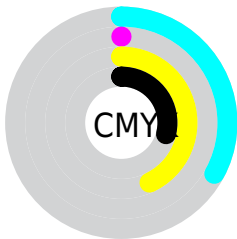
Blue (40%)



Red (40%)

Yellow (71%)

Blue (64%)

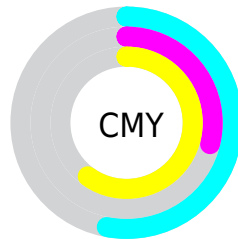


Cyan (33%)

Magenta (0%)

Yellow (43%)

Black (29%)



Cyan (53%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B467 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 78B467 by changing the saturation by 10% instead.

 78B467

 78B467

FFFFFF

 5E994E

 AEEC9B

 447F36

 CBFFB6

 29651E

 E7FFD2

 0A4D05

 FFFFEF

 003500

 002200

 000000

 78B467

 78B467

 6AB455

 86B479

 5CB443

 94B48B

 4EB431

 A2B49D

 40B41F

 B0B4AF

 32B40D

 BEB4C1

 28B400

 CCB4D3

 DAB4E5

 E8B4F7

 F6B4FF

Harmonies

Analogous

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



A9AA4F



78B467



31BA8F

Triad

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



78B467



06AFF8



F78290

Complementary

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



78B467



A367B4

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.



EB84BB



78B467



87A2F8

Square

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



78B467



00B8E2



C691E1



EC8C69

Rectangle

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



78B467



00BBAC



C691E1



F5819E

Sweetspot

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



78B467



D3EBCC



B4A267



677563



F5F5F5



757575

Same Dimension

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



78B467



8DEB73



67B47C



525950



229900



061A00

Inverse Universe

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



A367B4



D073EB



B4679F



575059



770099



14001A

Previews

White Background



This preview shows how the Hex color 78B467 looks on a white background.

Color Contrast Check

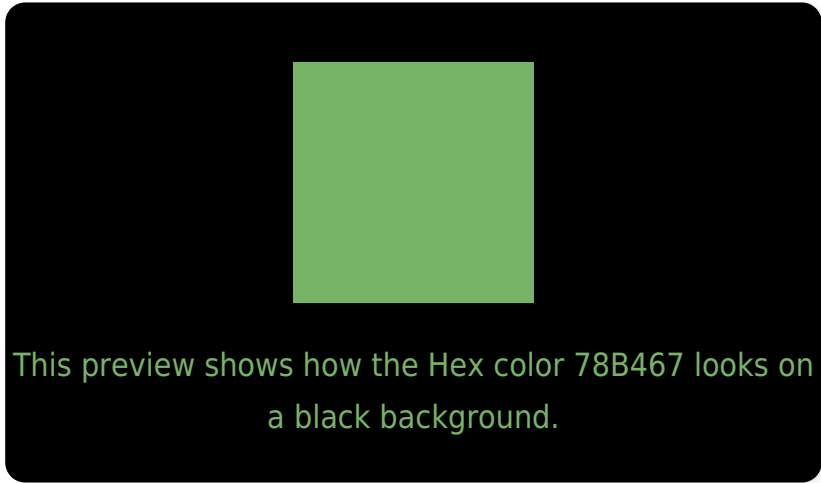
Large Text (above 18pt) WCAG AA × Fail

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

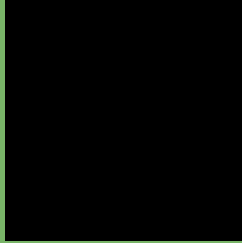
Any Text WCAG AA ✓ Pass

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 78B467 Background



This preview shows how black text looks on a background with the Hex color 78B467.

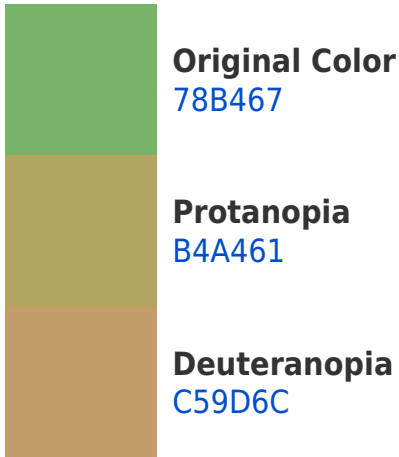


This preview shows how white text looks on a background with the Hex color 78B467.

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](#).

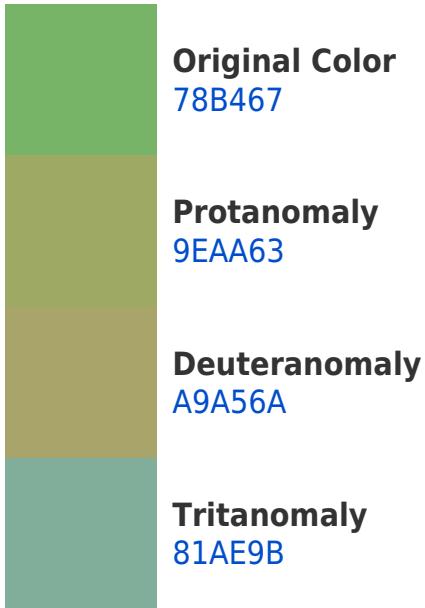
Dichromacy



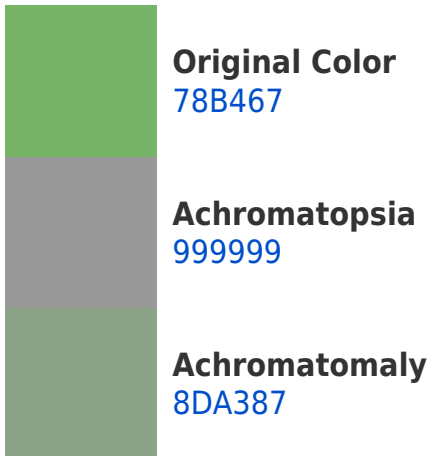


Tritanopia
86ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78B467 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 #78B467 looks like.

```
.text, #text, p{  
    color:#78B467  
}
```

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 #78B467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B467
}
```

Border

The CSS property to change the border of an element to Hex 78B467 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
#78B467 }
```

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

```
.border{ border-color:#78B467 }
```

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

Here you see how a box with a 4 pixel #78B467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B467; -webkit-box-shadow:4px 4px  
4px 4px #78B467; box-shadow:4px 4px 4px  
4px #78B467 }
```

Background

The CSS property to change the background color of an element to Hex 78B467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B467 }
```

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

```
.background{ background-color:#78B467 }
```

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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