

# Converting Colors

Hex(7F4584)

Have a look what the booklet for  
Hex(7F4584) contains.

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# Color

**Hex(7F4584)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F4584
RGB	127, 69, 132
RGB Percent	50%, 27%, 52%
CMY	0.5020, 0.7294, 0.4824
CMYK	0.04, 0.48, 0.00, 0.48
HSL	295°, 31%, 39%
HSV	295°, 48%, 52%
XYZ	15.0454, 10.4342, 23.0508
YIQ	93.5240, 14.3450, 31.8890

# Conversions

## Conversions Part 2

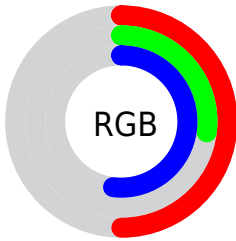
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 69, 132
Decimal	8340868
CIE <sub>Lab</sub>	38.61, 35.08, -25.04
CIE <sub>LCh</sub>	39, 43.103, 324.480
Yxy	10.4342, 0.3100, 0.2150
Android (android.graphics.Color)	4286530948 (0xFF7F4584)
YUV	93.5240, 18.9687, 29.3585
Hunter-Lab	32.3020, 26.6117, -19.6981

# Details

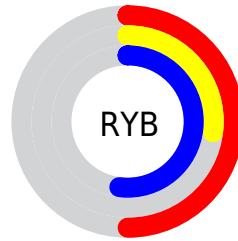
The Hex color **7F4584** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A8445**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B577B9**, and **4C1452** is the 20% darker color. If you saturate the color by 10%, you get **7E3884**, and if you desaturate by 10%, it is **805284**.

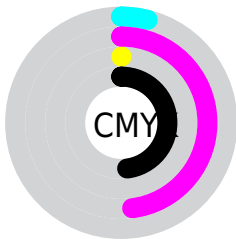
# Distribution



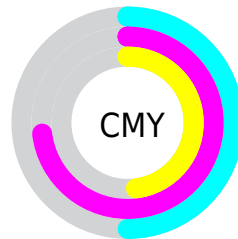
- Red (50%)
- Green (27%)
- Blue (52%)



- Red (50%)
- Yellow (27%)
- Blue (52%)



- Cyan (4%)
- Magenta (48%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (73%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F4584 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 7F4584 by changing the saturation by 10% instead.



7F4584

7F4584

FFFFFF

652D6B

B577B9

4C1452

D192D5

34003B

EEADF2

200025

FFC8FF

00010D

FFE5FF

000000

7F4584

7F4584

7E3884

805284

7D2B84

815F84

7C1D84

826D84

7B1084

837A84

7A0384

848784

7A0084

859484

86A184

87AF84

88BC84

# Harmonies

## Analogous

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



4F549B



7F4584



963A63

# Triad

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



7F4584



72570D



006B77

# Complementary

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



7F4584



4A8445

# 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.



006B53



7F4584



516114

# Square

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



7F4584



8C4922



216830



006893

# Rectangle

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



7F4584



9A3A4B



216830



006C6B



# Sweetspot

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



7F4584



A993AB



454A84



564857



D6D6D6



575757



# Same Dimension

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



7F4584



A349AB



84456A



423C42



780082



020003



# Inverse Universe

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



84454A



AB4951



45845F



423C3C



82000A

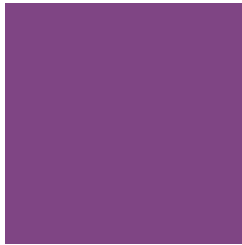


030000



# Previews

## White Background



This preview shows how the Hex color 7F4584 looks on a white background.

## Color Contrast Check

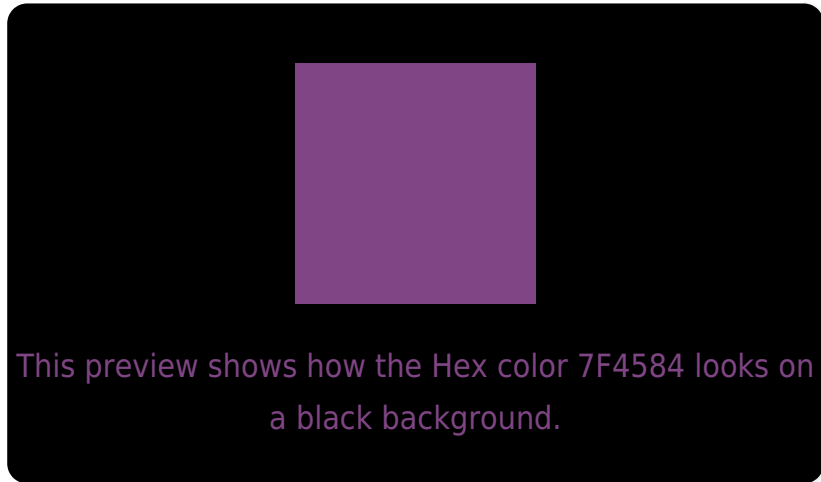
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

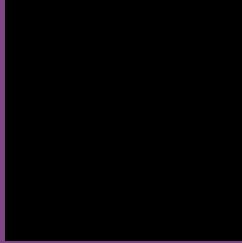
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F4584 Background



This preview shows how black text looks on a background with the Hex color 7F4584.

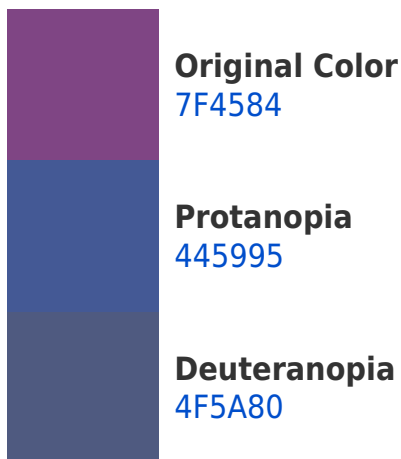



This preview shows how white text looks on a background with the Hex color 7F4584.

# 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](#).

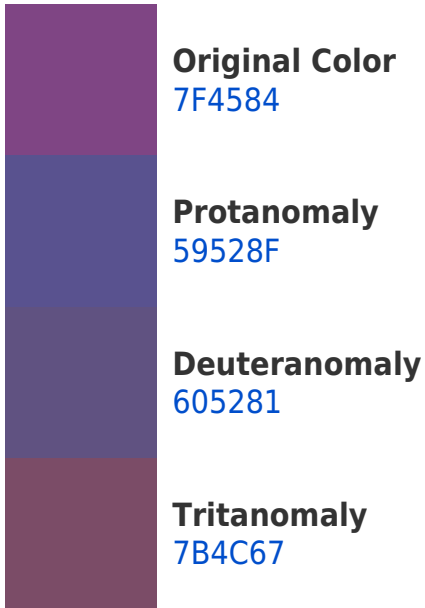
## Dichromacy





**Tritanopia**  
795056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F4584 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 #7F4584 looks like.

```
.text, #text, p{  
    color:#7F4584  
}
```

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 #7F4584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F4584
}
```

## Border

The CSS property to change the border of an element to Hex 7F4584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

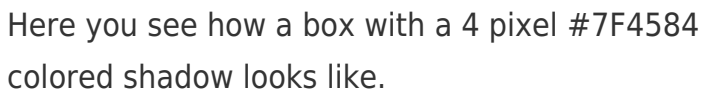
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F4584 }
```

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

```
.border{ border-color:#7F4584 }
```

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



Here you see how a box with a 4 pixel #7F4584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F4584; -webkit-box-shadow:4px 4px  
4px 4px #7F4584; box-shadow:4px 4px 4px  
4px #7F4584 }
```

# Background

The CSS property to change the background color of an element to Hex 7F4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F4584 }
```

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

```
.background{ background-color:#7F4584 }
```

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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