

# Converting Colors

Hex(987E10)

Have a look what the booklet for  
Hex(987E10) contains.

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**Color**

**Hex(987E10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	987E10
RGB	152, 126, 16
RGB Percent	60%, 49%, 6%
CMY	0.4039, 0.5059, 0.9373
CMYK	0.00, 0.17, 0.89, 0.40
HSL	49°, 81%, 33%
HSV	49°, 89%, 60%
XYZ	20.5033, 21.6345, 3.5855
YIQ	121.2340, 50.8060, -28.6980

# Conversions

## Conversions Part 2

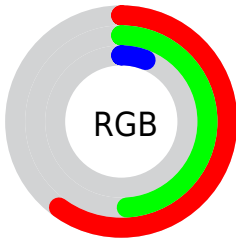
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 152, 16
Decimal	9993744
CIE Lab	53.64, -0.29, 55.96
CIE LCh	54, 55.960, 90.298
Yxy	21.6345, 0.4484, 0.4732
Android (android.graphics.Color)	4288183824 (0xFF987E10)
YUV	121.2340, -51.8804, 26.9818
Hunter-Lab	46.5129, -2.7134, 27.9887

# Details

The Hex color **987E10** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **102A98**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D2B24A**, and **614D00** is the 20% darker color. If you saturate the color by 10%, you get **987B01**, and if you desaturate by 10%, it is **98811F**.

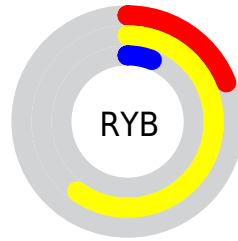
# Distribution



Red (60%)

Green (49%)

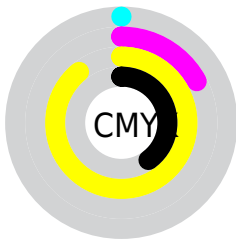
Blue (6%)



Red (19%)

Yellow (60%)

Blue (6%)

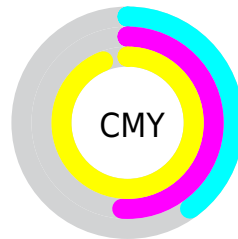


Cyan (0%)

Magenta (17%)

Yellow (89%)

Black (40%)



Cyan (40%)

Magenta (51%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 987E10 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 987E10 by changing the saturation by 10% instead.



 987E10

 987E10

FFFFFF

 7C6500

 D2B24A

 614D00

 F0CE64

 463700

 FFEA7F

 2C2200

 FFFF9A

 120D00

 FFFFB6

 000000

 FFFF D2

 FFFF EF

 987E10

 987E10

■ 987B01

■ 98811F

■ 987B00

■ 98842E

■ 98873E

■ 988A4D

■ 988D5C

■ 988F6B

■ 98927A

■ 98958A

■ 989899

# Harmonies

## Analogous

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



BD6B2A



987E10



688B24

# Triad

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



987E10



0096B0



BA5EB1

# Complementary

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



987E10



102A98

# 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.



8073D4



987E10



0091D3

# Square

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



987E10



00977F



0086E1



D55182

# Rectangle

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



987E10



3C913F



0086E1



AB65BE



# Sweetspot

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



987E10



C4BA8F



98102B



635D44



E3E3E3



636363



# Same Dimension

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



987E10



C49F00



6F9810



4D4B45



8C7100



0D0A00



# Inverse Universe

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



102A98



0026C4



391098



45464D



001B8C

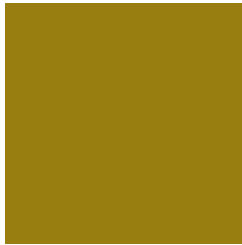


00020D



# Previews

## White Background



This preview shows how the Hex color 987E10 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 987E10 Background



This preview shows how black text looks on a background with the Hex color 987E10.



This preview shows how white text looks on a background with the Hex color 987E10.

# 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**  
987E10

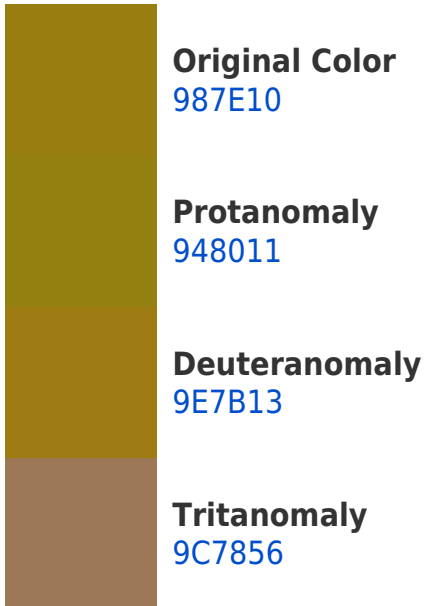
**Protanopia**  
918111

**Deuteranopia**  
A27A14

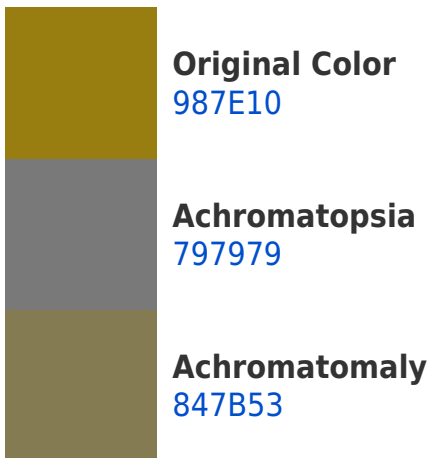


**Tritanopia**  
9F757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 987E10 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 #987E10 looks like.

```
.text, #text, p{  
    color:#987E10  
}
```

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 #987E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #987E10
}
```

## Border

The CSS property to change the border of an element to Hex 987E10 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
#987E10 }
```

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

```
.border{ border-color:#987E10 }
```

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

Here you see how a box with a 4 pixel #987E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #987E10; -webkit-box-shadow:4px 4px  
4px 4px #987E10; box-shadow:4px 4px 4px  
4px #987E10 }
```

# Background

The CSS property to change the background color of an element to Hex 987E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#987E10 }
```

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

```
.background{ background-color:#987E10 }
```

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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