

# Converting Colors

Hex(3D9475)

Have a look what the booklet for  
Hex(3D9475) contains.

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# Color

Hex(3D9475)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D9475
RGB	61, 148, 117
RGB Percent	24%, 58%, 46%
CMY	0.7608, 0.4196, 0.5412
CMYK	0.59, 0.00, 0.21, 0.42
HSL	159°, 42%, 41%
HSV	159°, 59%, 58%
XYZ	15.7253, 23.4563, 20.5283
YIQ	118.4530, -41.9010, -28.0850

# Conversions

## Conversions Part 2

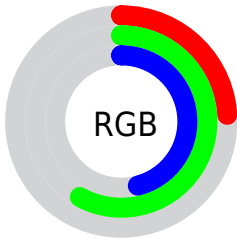
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 114, 148
Decimal	4035701
CIELab	55.54, -33.87, 8.66
CIELCh	56, 34.961, 165.655
Yxy	23.4563, 0.2634, 0.3928
Android (android.graphics.Color)	4282225781 (0xFF3D9475)
YUV	118.4530, -0.7163, -50.3863
Hunter-Lab	48.4317, -26.7983, 8.7714

# Details

The Hex color **3D9475** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **943D5C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **74CBA9**, and **006145** is the 20% darker color. If you saturate the color by 10%, you get **2E9470**, and if you desaturate by 10%, it is **4C947A**.

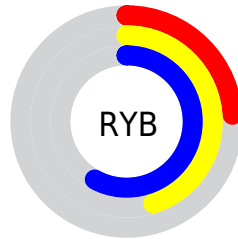
# Distribution



Red (24%)

Green (58%)

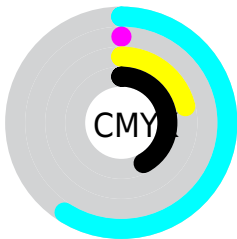
Blue (46%)



Red (24%)

Yellow (45%)

Blue (58%)

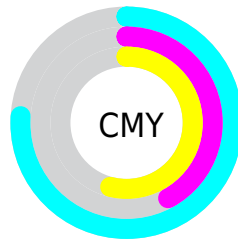


Cyan (59%)

Magenta (0%)

Yellow (21%)

Black (42%)



Cyan (76%)

Magenta (42%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D9475 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 3D9475 by changing the saturation by 10% instead.



 3D9475

 3D9475

FFFFFF

 1E7A5C

 74CBA9

 006145

 90E7C4

 00482E

 ACFFE0

 00311A

 C8FFFD

 001C00

 E6FFFF

 000000

 3D9475

 3D9475

 2E9470

 4C947A

 1F946A

 5B9480

■ 119465

■ 699485

■ 029460

■ 78948A

■ 00945F

■ 87948F

■ 969495

■ A5949A

■ B3949F

■ C294A4

# Harmonies

## Analogous

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



679059



3D9475



009594

# Triad

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



3D9475



7283BF



B9745B

# Complementary

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



3D9475



943D5C

# 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.



C06D76



3D9475



9C77B0

# Square

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



3D9475



388CBF



B76F95



A57E4A

# Rectangle

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



3D9475



0094A7



B76F95



BD7163



# Sweetspot

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



3D9475



9DBFB3



5D943D



4C6159



E0E0E0



616161



# Same Dimension

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



3D9475



37BF8F



3D8894



434A47



008A59



000A07



# Inverse Universe

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



943D5C



BF3768



94493D



4A4345



8A0031



0A0004



# Previews

## White Background



This preview shows how the Hex color 3D9475 looks on a white background.

## Color Contrast Check

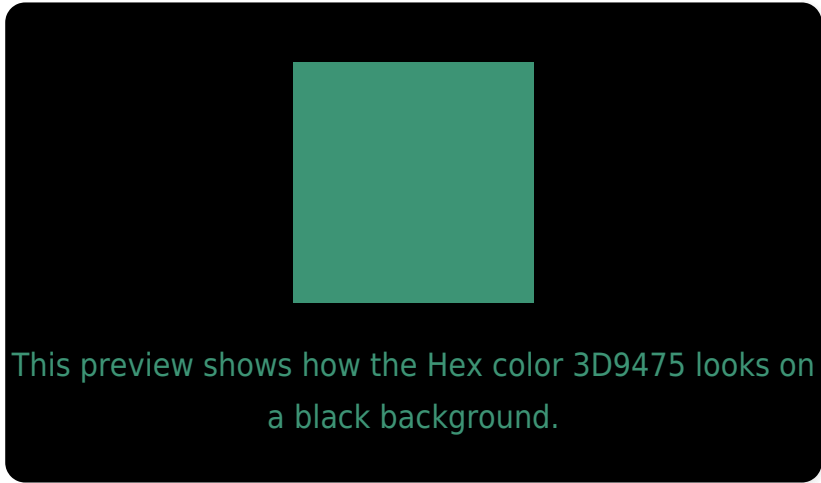
Large Text (above 18pt) WCAG AA ✓ Pass

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

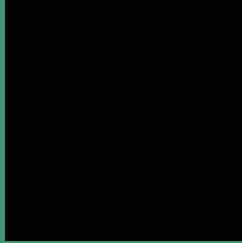
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D9475 Background



This preview shows how black text looks on a background with the Hex color 3D9475.



This preview shows how white text looks on a background with the Hex color 3D9475.

# 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**  
4A8F9A

# Trichromacy



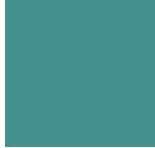
**Original Color**  
3D9475



**Protanomaly**  
6F8A70



**Deuteranomaly**  
758778



**Tritanomaly**  
45918D

# Monochromacy



**Original Color**  
3D9475



**Achromatopsia**  
767676



**Achromatomaly**  
618176

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D9475 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 #3D9475 looks like.

```
.text, #text, p{  
    color:#3D9475  
}
```

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 #3D9475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9475
}
```

## Border

The CSS property to change the border of an element to Hex 3D9475 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
#3D9475 }
```

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

```
.border{ border-color:#3D9475 }
```

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

Here you see how a box with a 4 pixel #3D9475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9475; -webkit-box-shadow:4px 4px  
4px 4px #3D9475; box-shadow:4px 4px 4px  
4px #3D9475 }
```

# Background

The CSS property to change the background color of an element to Hex 3D9475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9475 }
```

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

```
.background{ background-color:#3D9475 }
```

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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