

# Converting Colors

Hex(3D9960)

Have a look what the booklet for  
Hex(3D9960) contains.

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**Color**

**Hex(3D9960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D9960
RGB	61, 153, 96
RGB Percent	24%, 60%, 38%
CMY	0.7608, 0.4000, 0.6235
CMYK	0.60, 0.00, 0.37, 0.40
HSL	143°, 43%, 42%
HSV	143°, 60%, 60%
XYZ	15.4270, 24.6191, 15.0052
YIQ	118.9940, -36.5350, -37.2310

# Conversions

## Conversions Part 2

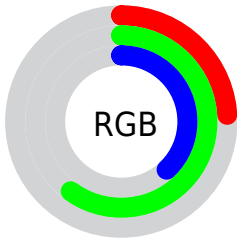
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 128, 153
Decimal	4036960
CIELab	56.70, -40.63, 22.04
CIELCh	57, 46.225, 151.519
Yxy	24.6191, 0.2802, 0.4472
Android (android.graphics.Color)	4282227040 (0xFF3D9960)
YUV	118.9940, -11.3360, -50.8607
Hunter-Lab	49.6176, -31.3320, 16.8021

# Details

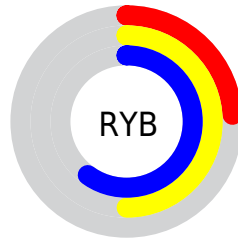
The Hex color **3D9960** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **993D76**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **75D093**, and **006531** is the 20% darker color. If you saturate the color by 10%, you get **2E9957**, and if you desaturate by 10%, it is **4C9969**.

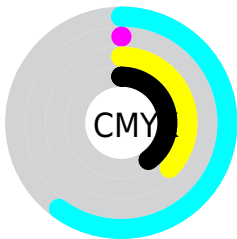
# Distribution



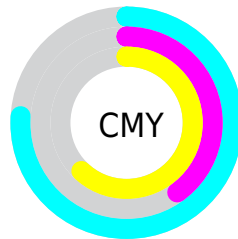
- Red (24%)
- Green (60%)
- Blue (38%)



- Red (24%)
- Yellow (50%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D9960 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 3D9960 by changing the saturation by 10% instead.



 3D9960

 3D9960

FFFFFF

 1D7F48

 75D093

 006531

 91EDAE

 004C1B

 ADFFC9

 003403

 C9FFE5

 001F00

 E7FFFF

 000000

 3D9960

 3D9960

 2E9957

 4C9969

 1E994D

 5C9973

 0F9944

 6B997C

 00993A

 7A9986

 8A998F

 999999

 A899A2

 B799AC

 C799B5

# Harmonies

## Analogous

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



749240



3D9960



009C89

# Triad

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



3D9960



3D8CD8



D06A60

# Complementary

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



3D9960



993D76

# 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.



D16588



3D9960



8D7DCD

# Square

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



3D9960



0096CE



BB6DAF



BD7841

# Rectangle

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



3D9960



009CA4



BB6DAF



D3676D



# Sweetspot

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



3D9960



A3C7B1



77993D



4E6356



E3E3E3



636363



# Same Dimension

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



3D9960



38C76E



3D998D



454D48



008C35



000D05



# Inverse Universe

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



993D76



C73890



993D49



4D454A



8C0057



0D0008



# Previews

## White Background



This preview shows how the Hex color 3D9960 looks on a white background.

## Color Contrast Check

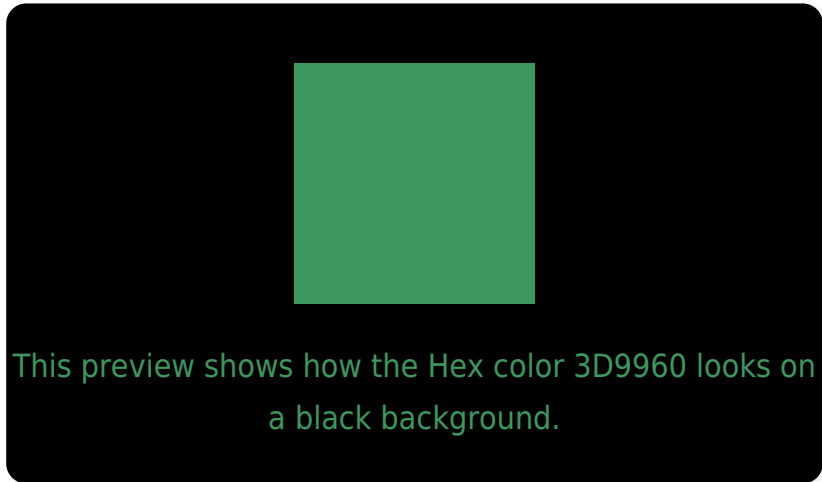
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D9960 Background



This preview shows how black text looks on a background with the Hex color 3D9960.




This preview shows how white text looks on a background with the Hex color 3D9960.

# 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**  
4F929D

# Trichromacy



**Original Color**  
3D9960



**Protanomaly**  
748E5C



**Deuteranomaly**  
7B8A63



**Tritanomaly**  
489587

# Monochromacy



**Original Color**  
3D9960



**Achromatopsia**  
777777



**Achromatomaly**  
62836F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D9960 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 #3D9960 looks like.

```
.text, #text, p{  
    color:#3D9960  
}
```

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 #3D9960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9960
}
```

## Border

The CSS property to change the border of an element to Hex 3D9960 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
#3D9960 }
```

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

```
.border{ border-color:#3D9960 }
```

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

Here you see how a box with a 4 pixel #3D9960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9960; -webkit-box-shadow:4px 4px  
4px 4px #3D9960; box-shadow:4px 4px 4px  
4px #3D9960 }
```

# Background

The CSS property to change the background color of an element to Hex 3D9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9960 }
```

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

```
.background{ background-color:#3D9960 }
```

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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