

Converting Colors

Hex(49653A)

Have a look what the booklet for
Hex(49653A) contains.

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Color

Hex(49653A)

Conversions

Conversions Part 1

Format	Color
Hex	49653A
RGB	73, 101, 58
RGB Percent	29%, 40%, 23%
CMY	0.7137, 0.6039, 0.7725
CMYK	0.28, 0.00, 0.43, 0.60
HSL	99°, 27%, 31%
HSV	99°, 43%, 40%
XYZ	8.1651, 11.0293, 5.7015
YIQ	87.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

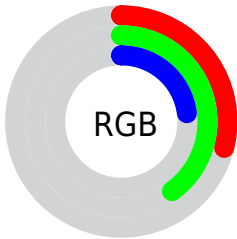
Format	Color
RYB	58, 101, 86
Decimal	4810042
CIELab	39.63, -19.16, 21.09
CIELCh	40, 28.496, 132.262
Yxy	11.0293, 0.3280, 0.4430
Android (android.graphics.Color)	4283000122 (0xFF49653A)
YUV	87.7260, -14.6549, -12.9147
Hunter-Lab	33.2104, -14.2325, 13.0685

Details

The Hex color **49653A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **563A65**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7B986A**, and **1B360E** is the 20% darker color. If you saturate the color by 10%, you get **426530**, and if you desaturate by 10%, it is **506544**.

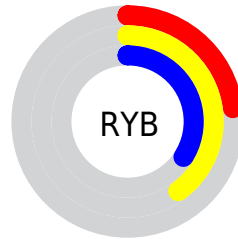
Distribution



Red (29%)

Green (40%)

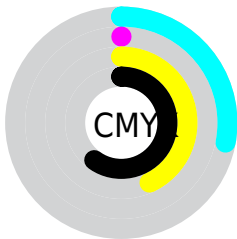
Blue (23%)



Red (23%)

Yellow (40%)

Blue (34%)

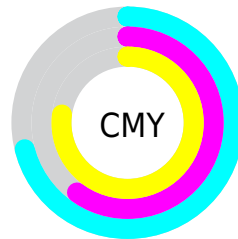


Cyan (28%)

Magenta (0%)

Yellow (43%)

Black (60%)



Cyan (71%)

Magenta (60%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49653A 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 49653A by changing the saturation by 10% instead.



49653A



49653A

FFFFFF



324D24



7B986A



1B360E



95B383



042100



B0CE9D



000000



CBEBB8



E8FFD4



FFFFF1



49653A



49653A



426530



506544

■ 3C6526

■ 56654E

■ 35651C

■ 5D6558

■ 2F6512

■ 636562

■ 286508

■ 6A656D

■ 236500

■ 706577

■ 776581

■ 7E658B

■ 846595

Harmonies

Analogous

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



635F2F



49653A



29684E

Triad

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



49653A



166489



8A4B55

Complementary

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



49653A



563A65

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.



824D6C



49653A



4A5C8B

Square

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



49653A



00687C



6C5480



864F3F

Rectangle

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



49653A



03695E



6C5480



894B5C

Sweetspot

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



49653A



778271



65563A



3B4238



C2C2C2



424242

Same Dimension

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



49653A



578240



3A6540



30332E



287300



55F200

Inverse Universe

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



563A65



6B4082



653A5F



312E33



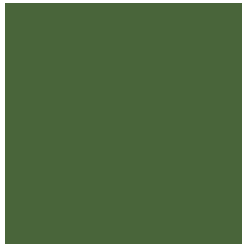
4B0073



9E00F2

Previews

White Background



This preview shows how the Hex color 49653A looks on a white background.

Color Contrast Check

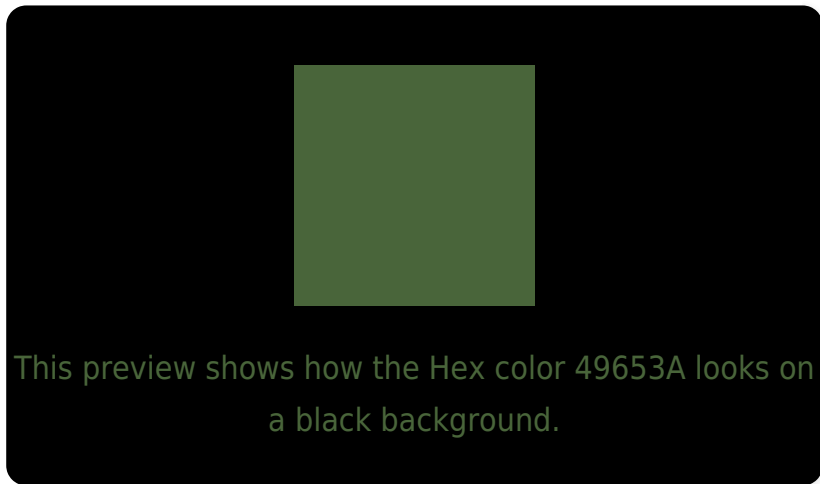
Large Text (above 18pt) WCAG AA ✓ Pass

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

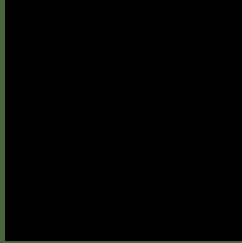
Any Text WCAG AA × Fail

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 49653A Background



This preview shows how black text looks on a background with the Hex color 49653A.



This preview shows how white text looks on a background with the Hex color 49653A.

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
49653A

Protanopia
665D37

Deuteranopia
70593D



Tritanopia
506067

Trichromacy



Original Color
49653A

Protanomaly
5B6038

Deuteranomaly
625D3C

Tritanomaly
4D6257

Monochromacy



Original Color
49653A

Achromatopsia
585858

Achromatomaly
535D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 49653A 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 #49653A looks like.

```
.text, #text, p{  
    color:#49653A  
}
```

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 #49653A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49653A
}
```

Border

The CSS property to change the border of an element to Hex 49653A 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
#49653A }
```

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

```
.border{ border-color:#49653A }
```

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

Here you see how a box with a 4 pixel #49653A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49653A; -webkit-box-shadow:4px 4px  
4px 4px #49653A; box-shadow:4px 4px 4px  
4px #49653A }
```

Background

The CSS property to change the background color of an element to Hex 49653A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49653A }
```

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

```
.background{ background-color:#49653A }
```

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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