

Converting Colors

Hex(49962D)

Have a look what the booklet for
Hex(49962D) contains.

Hex(49962D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49962D)

Conversions

Conversions Part 1

Format	Color
Hex	49962D
RGB	73, 150, 45
RGB Percent	29%, 59%, 18%
CMY	0.7137, 0.4118, 0.8235
CMYK	0.51, 0.00, 0.70, 0.41
HSL	104°, 54%, 38%
HSV	104°, 70%, 59%
XYZ	14.1277, 23.4186, 6.2583
YIQ	115.0070, -12.1870, -48.9790

Conversions

Conversions Part 2

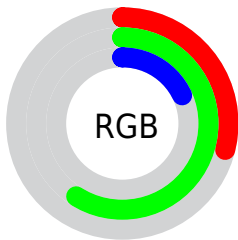
Format	Color
RYB	45, 150, 122
Decimal	4822573
CIELab	55.50, -43.34, 46.09
CIElCh	56, 63.266, 133.233
Yxy	23.4186, 0.3225, 0.5346
Android (android.graphics.Color)	4283012653 (0xFF49962D)
YUV	115.0070, -34.5135, -36.8401
Hunter-Lab	48.3928, -32.5766, 26.2074

Details

The Hex color **49962D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7A2D96**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **80CD61**, and **026200** is the 20% darker color. If you saturate the color by 10%, you get **3E961E**, and if you desaturate by 10%, it is **54963C**.

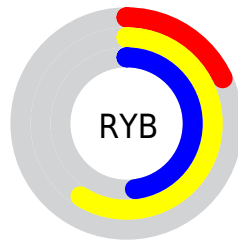
Distribution



Red (29%)

Green (59%)

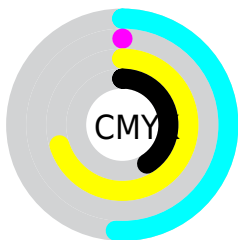
Blue (18%)



Red (18%)

Yellow (59%)

Blue (48%)

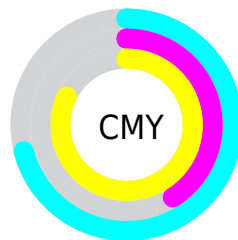


Cyan (51%)

Magenta (0%)

Yellow (70%)

Black (41%)



Cyan (71%)

Magenta (41%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49962D 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 49962D by changing the saturation by 10% instead.

 49962D

 49962D

FFFFFF

 2C7C10

 80CD61

 026200

 9CE97B

 004A00

 B9FF96

 003200

 D6FFB1

 001C00

 F3FFCD

 000000

 FFFFEA

 49962D

 49962D

 3E961E

 54963C

■ 33960F

■ 5F964B

■ 289600

■ 6A965A

■ 759669

■ 809678

■ 8B9687

■ 969696

■ A196A5

■ AC96B4

Harmonies

Analogous

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



898A00



49962D



009C63

Triad

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



49962D



0094EE



E74D6F

Complementary

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



49962D



7A2D96

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.



D853A6



49962D



3883F0

Square

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



49962D



009CCF



A66BD6



DA5F3C

Rectangle

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



49962D



009E89



A66BD6



E54C81

Sweetspot

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



49962D



A4C299



967A2D



4F6149



E0E0E0



616161

Same Dimension

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



49962D



4AC21F



2D9646



454A43



258A00



030A00

Inverse Universe

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



7A2D96



961FC2



962D7E



48434A



65008A



07000A

Previews

White Background



This preview shows how the Hex color 49962D looks on a white background.

Color Contrast Check

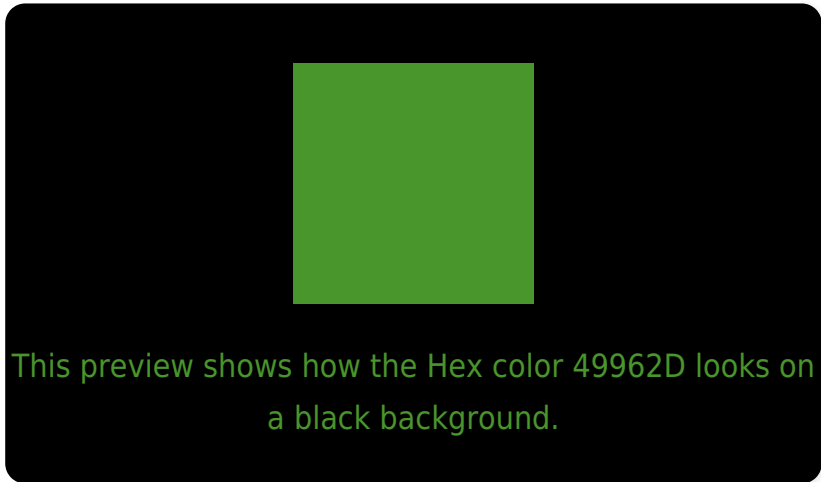
Large Text (above 18pt) WCAG AA ✓ Pass

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 49962D Background



This preview shows how black text looks on a background with the Hex color 49962D.

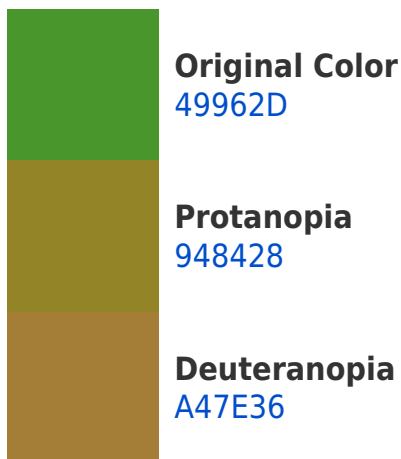


This preview shows how white text looks on a background with the Hex color 49962D.

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](#).

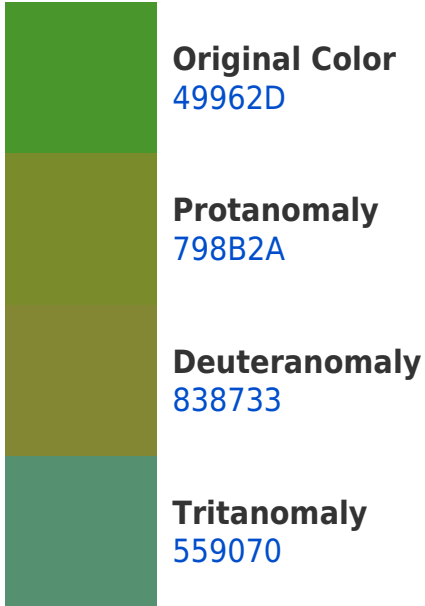
Dichromacy



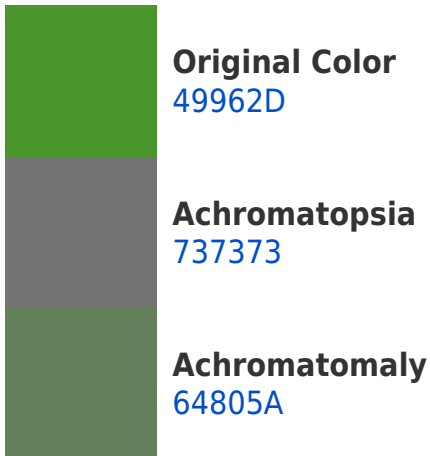


Tritanopia
5C8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49962D 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 #49962D looks like.

```
.text, #text, p{  
    color:#49962D  
}
```

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 #49962D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49962D
}
```

Border

The CSS property to change the border of an element to Hex 49962D 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
#49962D }
```

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

```
.border{ border-color:#49962D }
```

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

Here you see how a box with a 4 pixel #49962D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49962D; -webkit-box-shadow:4px 4px  
4px 4px #49962D; box-shadow:4px 4px 4px  
4px #49962D }
```

Background

The CSS property to change the background color of an element to Hex 49962D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49962D }
```

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

```
.background{ background-color:#49962D }
```

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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