

Converting Colors

Hex(7DA473)

Have a look what the booklet for
Hex(7DA473) contains.

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Color

Hex(7DA473)

Conversions

Conversions Part 1

Format	Color
Hex	7DA473
RGB	125, 164, 115
RGB Percent	49%, 64%, 45%
CMY	0.5098, 0.3569, 0.5490
CMYK	0.24, 0.00, 0.30, 0.36
HSL	108°, 21%, 55%
HSV	108°, 30%, 64%
XYZ	24.8274, 32.1487, 21.1164
YIQ	146.7530, -7.5150, -23.5070

Conversions

Conversions Part 2

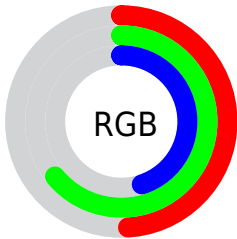
Format	Color
RYB	115, 164, 154
Decimal	8234099
CIELab	63.47, -22.90, 21.24
CIELCh	63, 31.239, 137.154
Yxy	32.1487, 0.3179, 0.4117
Android (android.graphics.Color)	4286424179 (0xFF7DA473)
YUV	146.7530, -15.6542, -19.0774
Hunter-Lab	56.6998, -21.0641, 17.6088

Details

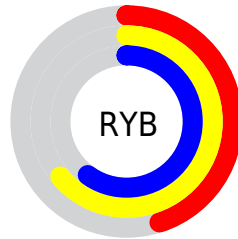
The Hex color **7DA473** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A73A4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B2DBA7**, and **4B7042** is the 20% darker color. If you saturate the color by 10%, you get **70A463**, and if you desaturate by 10%, it is **8AA483**.

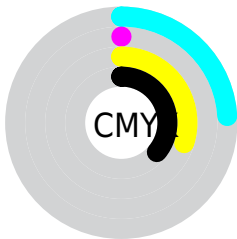
Distribution



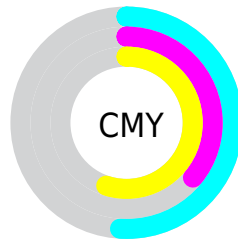
- Red (49%)
- Green (64%)
- Blue (45%)



- Red (45%)
- Yellow (64%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DA473 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 7DA473 by changing the saturation by 10% instead.

 7DA473

 7DA473

FFFFFF

 638A5A

 B2DBA7

 4B7042

 CEF8C3

 33572C

 EBFFDF

 1B4016

 FFFFFB

 062900

 001400

 000000

 7DA473

 7DA473

 70A463

 8AA483

 63A452

 97A494

 56A442

 A4A4A4

 49A431

 B1A4B5

 3CA421

 BEA4C5

 2FA411

 CBA4D5

 22A400

 D8A4E6

 21A400

 E5A4F6

 F2A4FF

Harmonies

Analogous

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



9C9D64



7DA473



5BA88C

Triad

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



7DA473



61A0CF



D1858B

Complementary

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



7DA473



9A73A4

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.



C986A7



7DA473



8C97CF

Square

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



7DA473



3CA6C2



B18DC0



CA8B72

Rectangle

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



7DA473



46A9A0



B18DC0



D08494

Sweetspot

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



7DA473



C7D6C3



A49973



626B5F



EBEBEB



6B6B6B

Same Dimension

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



7DA473



99D689



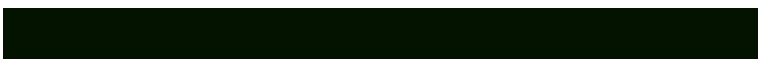
73A481



4B5249



1E9100



041200

Inverse Universe

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



9A73A4



C689D6



A47396



504952



740091



0E0012

Previews

White Background



This preview shows how the Hex color 7DA473 looks on a white background.

Color Contrast Check

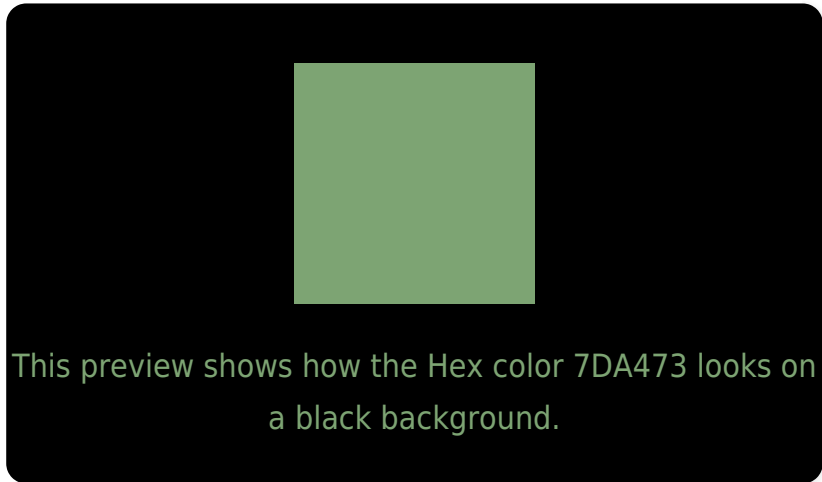
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 7DA473 Background



This preview shows how black text looks on a background with the Hex color 7DA473.



This preview shows how white text looks on a background with the Hex color 7DA473.

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

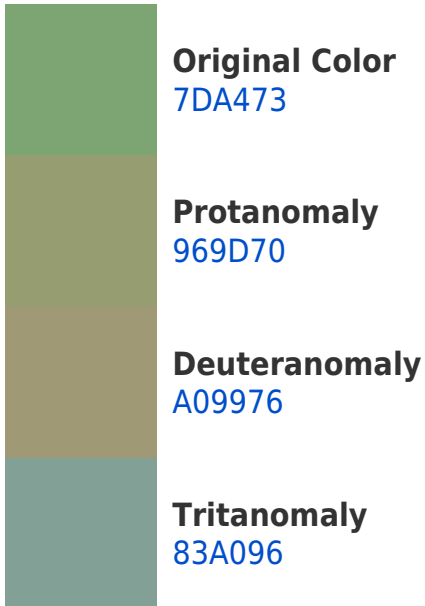


Original Color
7DA473

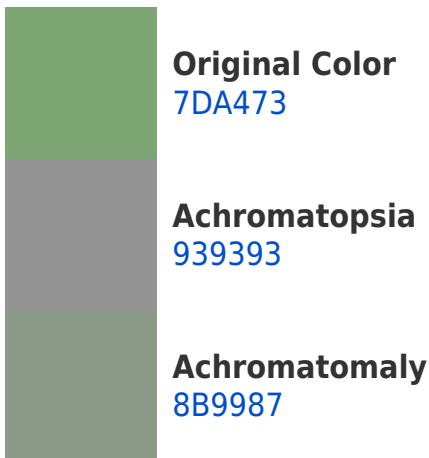
Protanopia
A5996E

Deuteranopia
B49377

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DA473 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 #7DA473 looks like.

```
.text, #text, p{  
    color:#7DA473  
}
```

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 #7DA473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA473
}
```

Border

The CSS property to change the border of an element to Hex 7DA473 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
#7DA473 }
```

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

```
.border{ border-color:#7DA473 }
```

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

Here you see how a box with a 4 pixel #7DA473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA473; -webkit-box-shadow:4px 4px  
4px 4px #7DA473; box-shadow:4px 4px 4px  
4px #7DA473 }
```

Background

The CSS property to change the background color of an element to Hex 7DA473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA473 }
```

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

```
.background{ background-color:#7DA473 }
```

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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