

Converting Colors

Hex(77A275)

Have a look what the booklet for
Hex(77A275) contains.

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Color

Hex(77A275)

Conversions

Conversions Part 1

Format	Color
Hex	77A275
RGB	119, 162, 117
RGB Percent	47%, 64%, 46%
CMY	0.5333, 0.3647, 0.5412
CMYK	0.27, 0.00, 0.28, 0.36
HSL	117°, 19%, 55%
HSV	117°, 28%, 64%
XYZ	23.7390, 31.0470, 21.5711
YIQ	144.0130, -11.1830, -23.1110

Conversions

Conversions Part 2

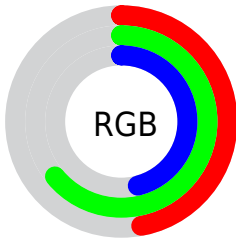
Format	Color
RYB	117, 162, 160
Decimal	7840373
CIELab	62.55, -23.69, 18.83
CIElCh	63, 30.262, 141.509
Yxy	31.0470, 0.3109, 0.4066
Android (android.graphics.Color)	4286030453 (0xFF77A275)
YUV	144.0130, -13.3174, -21.9364
Hunter-Lab	55.7198, -21.4612, 16.0506

Details

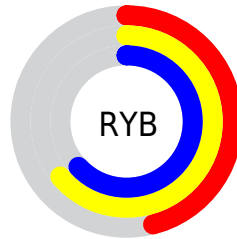
The Hex color **77A275** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A075A2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ACD9A9**, and **456E44** is the 20% darker color. If you saturate the color by 10%, you get **68A265**, and if you desaturate by 10%, it is **86A285**.

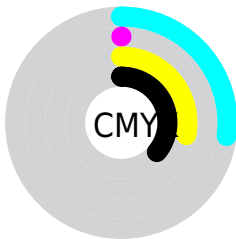
Distribution



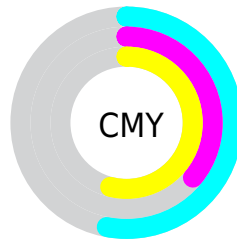
- Red (47%)
- Green (64%)
- Blue (46%)



- Red (46%)
- Yellow (64%)
- Blue (63%)



- Cyan (27%)
- Magenta (0%)
- Yellow (28%)
- Black (36%)



- Cyan (53%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A275 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 77A275 by changing the saturation by 10% instead.

 77A275

 77A275

FFFFFF

 5E885C


 ACD9A9

 456E44


 C8F6C5

 2D562E

 E4FFE1

 153E18

FFFFFFD

 012800

 001000

 000000

 77A275

 77A275

 68A265

 86A285

 58A255

 96A295

 49A244

 A5A2A6

 39A234

 B5A2B6

 2AA224

 C4A2C6

 1AA214

 D4A2D6

 0BA204

 E3A2E6

 07A200

 F3A2F7

 FFA2FF

Harmonies

Analogous

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



969C65



77A275



57A58E

Triad

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



77A275



679CCC



CD8485

Complementary

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



77A275



A075A2

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.



C784A0



77A275



9093C9

Square

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



77A275



42A3C0



B28AB9



C48A6E

Rectangle

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



77A275



44A6A1



B28AB9



CC838E

Sweetspot

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



77A275



C3D4C3



A2A075



616B60



EBEBEB



6B6B6B

Same Dimension

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



77A275



91D48E



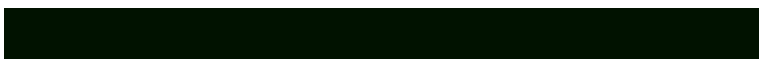
75A289



4A5249



069100



011200

Inverse Universe

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



A075A2



D18ED4



A2758E



514952



8B0091



110012

Previews

White Background



This preview shows how the Hex color 77A275 looks on a white background.

Color Contrast Check

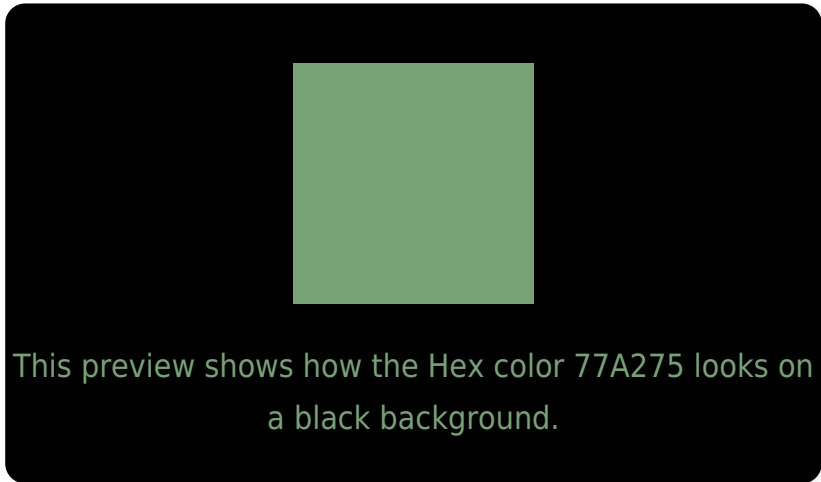
Large Text (above 18pt) WCAG AA × Fail

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

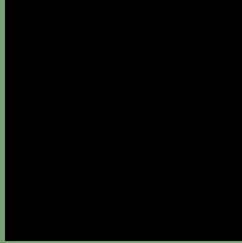
Any Text WCAG AA ✓ Pass

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 77A275 Background



This preview shows how black text looks on a background with the Hex color 77A275.



This preview shows how white text looks on a background with the Hex color 77A275.

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
77A275

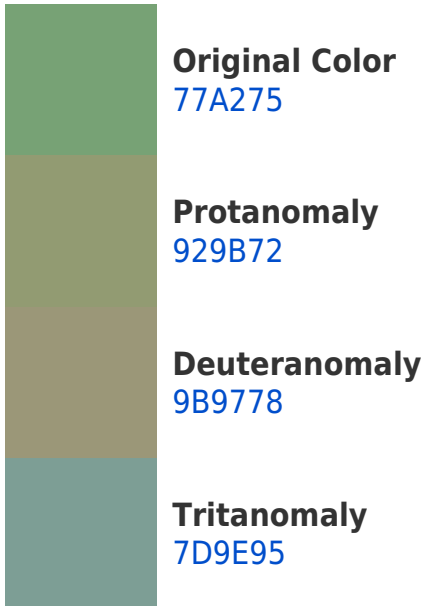
Protanopia
A29770

Deuteranopia
B09179



Tritanopia
809BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A275 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 #77A275 looks like.

```
.text, #text, p{  
    color:#77A275  
}
```

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 #77A275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A275
}
```

Border

The CSS property to change the border of an element to Hex 77A275 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
#77A275 }
```

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

```
.border{ border-color:#77A275 }
```

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

Here you see how a box with a 4 pixel #77A275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A275; -webkit-box-shadow:4px 4px  
4px 4px #77A275; box-shadow:4px 4px 4px  
4px #77A275 }
```

Background

The CSS property to change the background color of an element to Hex 77A275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A275 }
```

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

```
.background{ background-color:#77A275 }
```

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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