

Converting Colors

Hex(77A253)

Have a look what the booklet for
Hex(77A253) contains.

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Color

Hex(77A253)

Conversions

Conversions Part 1

Format	Color
Hex	77A253
RGB	119, 162, 83
RGB Percent	47%, 64%, 33%
CMY	0.5333, 0.3647, 0.6745
CMYK	0.27, 0.00, 0.49, 0.36
HSL	93°, 32%, 48%
HSV	93°, 49%, 64%
XYZ	22.0894, 30.3871, 12.8847
YIQ	140.1370, -0.2690, -33.6850

Conversions

Conversions Part 2

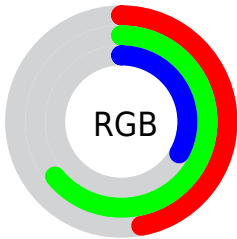
Format	Color
RYB	83, 162, 126
Decimal	7840339
CIELab	61.99, -28.74, 36.27
CIElCh	62, 46.276, 128.393
Yxy	30.3871, 0.3380, 0.4649
Android (android.graphics.Color)	4286030419 (0xFF77A253)
YUV	140.1370, -28.1685, -18.5371
Hunter-Lab	55.1245, -24.9397, 24.7289

Details

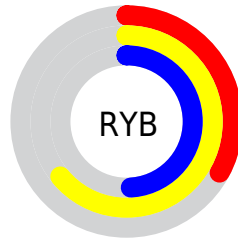
The Hex color **77A253** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7E53A2**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ADD986**, and **446E22** is the 20% darker color. If you saturate the color by 10%, you get **6EA243**, and if you desaturate by 10%, it is **80A263**.

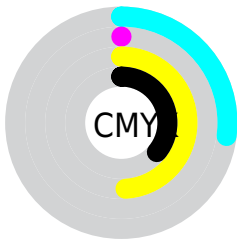
Distribution



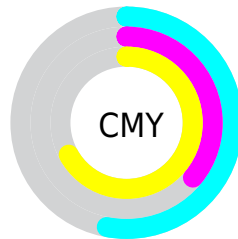
- Red (47%)
- Green (64%)
- Blue (33%)



- Red (33%)
- Yellow (64%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (49%)
- Black (36%)



- Cyan (53%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A253 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 77A253 by changing the saturation by 10% instead.

 77A253

 77A253

FFFFFF

 5D883B

 ADD986

 446E22

 C9F6A1

 2A5508

 E6FFBC

 123E00

 FFFFD8

 002800

 FFFFF5

 000D00

 000000

 77A253

 77A253

 6EA243

 80A263

 65A233

 89A273

 5DA222

 91A284

 54A212

 9AA294

 4BA202

 A3A2A4

 4AA200

 ACA2B4

 B5A2C4

 BEA2D5

 C6A2E5

Harmonies

Analogous

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



A39741



77A253



3BA876

Triad

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



77A253



00A2E1



E3738C

Complementary

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



77A253



7E53A2

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.



D178B5



77A253



6596E7

Square

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



77A253



00A9C8



A886D6



DD7A65

Rectangle

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



77A253



00AA92



A886D6



DF739A

Sweetspot

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



77A253



C2D4B4



A27D53



616B58



EBEBEB



6B6B6B

Same Dimension

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



77A253



90D457



53A256



4D5249



429100



081200

Inverse Universe

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



7E53A2



9B57D4



A2539F



4E4952



4F0091



0A0012

Previews

White Background



This preview shows how the Hex color 77A253 looks on a white background.

Color Contrast Check

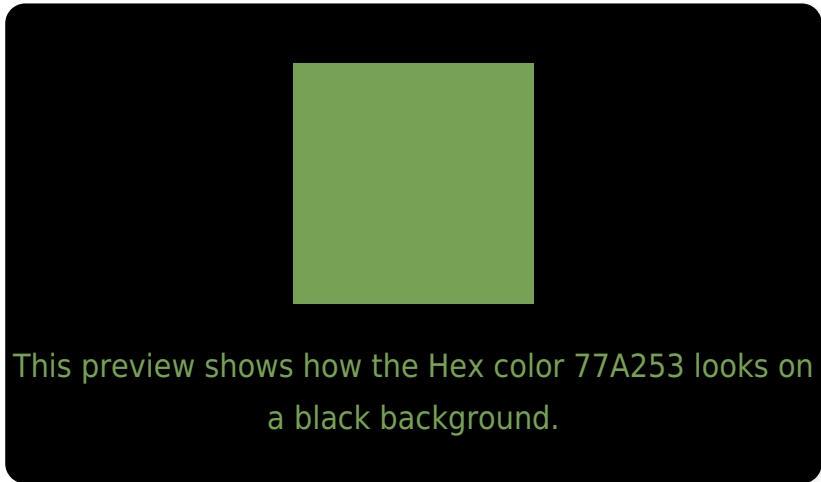
Large Text (above 18pt) WCAG AA × Fail

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 77A253 Background



This preview shows how black text looks on a background with the Hex color 77A253.



This preview shows how white text looks on a background with the Hex color 77A253.

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](#).

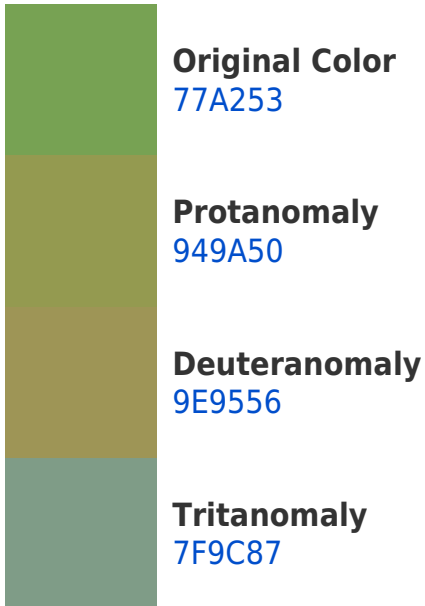
Dichromacy



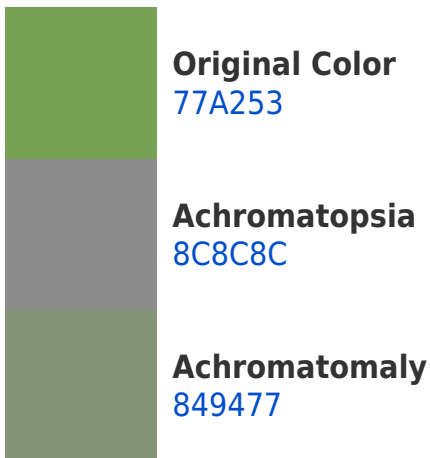


Tritanopia
8399A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A253 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 #77A253 looks like.

```
.text, #text, p{  
    color:#77A253  
}
```

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 #77A253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A253
}
```

Border

The CSS property to change the border of an element to Hex 77A253 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
#77A253 }
```

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

```
.border{ border-color:#77A253 }
```

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

Here you see how a box with a 4 pixel #77A253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A253; -webkit-box-shadow:4px 4px  
4px 4px #77A253; box-shadow:4px 4px 4px  
4px #77A253 }
```

Background

The CSS property to change the background color of an element to Hex 77A253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A253 }
```

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

```
.background{ background-color:#77A253 }
```

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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