

Converting Colors

Hex(7CA25E)

Have a look what the booklet for
Hex(7CA25E) contains.

Hex(7CA25E)	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(7CA25E)

Conversions

Conversions Part 1

Format	Color
Hex	7CA25E
RGB	124, 162, 94
RGB Percent	49%, 64%, 37%
CMY	0.5137, 0.3647, 0.6314
CMYK	0.23, 0.00, 0.42, 0.36
HSL	94°, 27%, 50%
HSV	94°, 42%, 64%
XYZ	23.2529, 30.9339, 15.3350
YIQ	142.8860, -0.8200, -29.2040

Conversions

Conversions Part 2

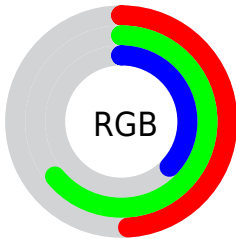
Format	Color
RYB	94, 162, 132
Decimal	8168030
CIELab	62.45, -25.44, 31.20
CIELCh	62, 40.260, 129.188
Yxy	30.9339, 0.3345, 0.4450
Android (android.graphics.Color)	4286358110 (0xFF7CA25E)
YUV	142.8860, -24.1008, -16.5630
Hunter-Lab	55.6183, -22.7046, 22.5855

Details

The Hex color **7CA25E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **845EA2**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B2D991**, and **496E2E** is the 20% darker color. If you saturate the color by 10%, you get **73A24E**, and if you desaturate by 10%, it is **85A26E**.

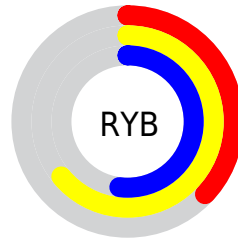
Distribution



Red (49%)

Green (64%)

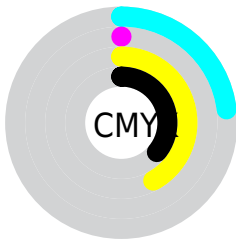
Blue (37%)



Red (37%)

Yellow (64%)

Blue (52%)

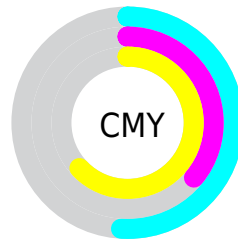


Cyan (23%)

Magenta (0%)

Yellow (42%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA25E 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 7CA25E by changing the saturation by 10% instead.

 7CA25E

 7CA25E


FFFFFF

 628846

 B2D991

 496E2E

 CEF6AC

 315617

 EAFFC8

 193E00

 FFFFE4

 002800

 001000

 000000

 7CA25E

 7CA25E

 73A24E

 85A26E

 6AA23E

 8EA27E

 61A22D

 97A28F

 58A21D

 A0A29F

 4FA20D

 A9A2AF

 47A200

 B2A2BF

 BBA2CF

 C4A2E0

 CDA2F0

Harmonies

Analogous

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



A3984F



7CA25E



4CA87C

Triad

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



7CA25E



1BA2D9



DB7A8D

Complementary

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



7CA25E



845EA2

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.



CC7EB1



7CA25E



7297DD

Square

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



7CA25E



00A8C3



A98ACF



D7806C

Rectangle

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



7CA25E



1AA995



A98ACF



D87A99

Sweetspot

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



7CA25E



C4D4B8



A2835E



626B5A



EBEBEB



6B6B6B

Same Dimension

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



7CA25E



99D46A



5EA261



4D5249



409100



081200

Inverse Universe

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



845EA2



A56AD4



A25E9F



4E4952



510091



0A0012

Previews

White Background



This preview shows how the Hex color 7CA25E looks on a white background.

Color Contrast Check

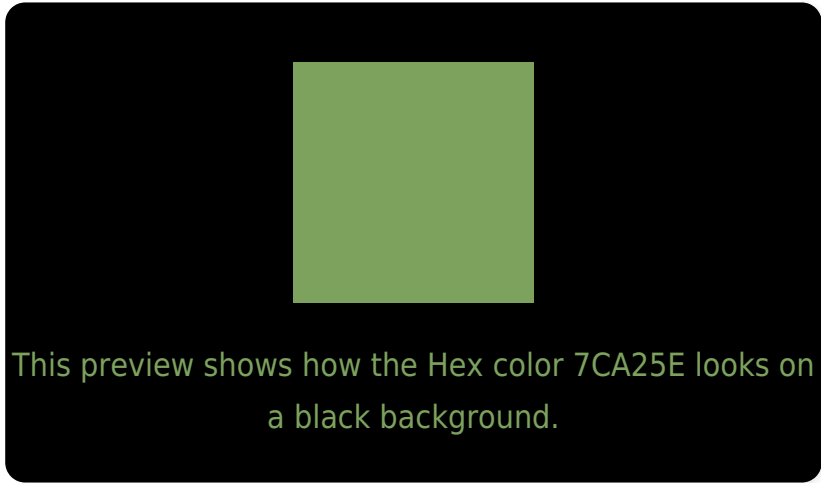
Large Text (above 18pt) WCAG AA × Fail

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

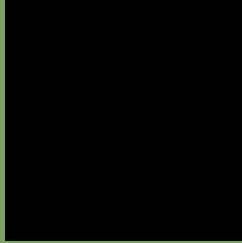
Any Text WCAG AA ✓ Pass

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 7CA25E Background



This preview shows how black text looks on a background with the Hex color 7CA25E.



This preview shows how white text looks on a background with the Hex color 7CA25E.

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
7CA25E

Protanopia
A5975A

Deuteranopia
B59062

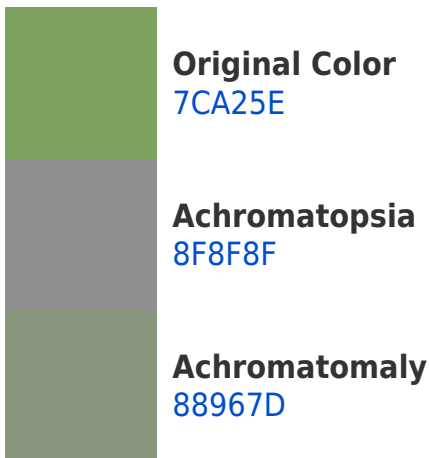


Tritanopia
879AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA25E 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 #7CA25E looks like.

```
.text, #text, p{  
    color:#7CA25E  
}
```

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 #7CA25E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA25E
}
```

Border

The CSS property to change the border of an element to Hex 7CA25E 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
#7CA25E }
```

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

```
.border{ border-color:#7CA25E }
```

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

Here you see how a box with a 4 pixel #7CA25E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA25E; -webkit-box-shadow:4px 4px  
4px 4px #7CA25E; box-shadow:4px 4px 4px  
4px #7CA25E }
```

Background

The CSS property to change the background color of an element to Hex 7CA25E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA25E }
```

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

```
.background{ background-color:#7CA25E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor