

Converting Colors

Hex(7CA725)

Have a look what the booklet for
Hex(7CA725) contains.

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Color

Hex(7CA725)

Conversions

Conversions Part 1

Format	Color
Hex	7CA725
RGB	124, 167, 37
RGB Percent	49%, 65%, 15%
CMY	0.5137, 0.3451, 0.8549
CMYK	0.26, 0.00, 0.78, 0.35
HSL	80°, 64%, 40%
HSV	80°, 78%, 65%
XYZ	22.4648, 32.0561, 6.7537
YIQ	139.3230, 16.1020, -49.5460

Conversions

Conversions Part 2

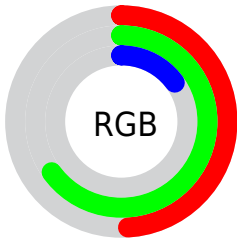
Format	Color
RYB	37, 167, 80
Decimal	8169253
CIELab	63.39, -33.05, 57.71
CIELCh	63, 66.504, 119.802
Yxy	32.0561, 0.3666, 0.5232
Android (android.graphics.Color)	4286359333 (0xFF7CA725)
YUV	139.3230, -50.4452, -13.4383
Hunter-Lab	56.6181, -28.2568, 32.5603

Details

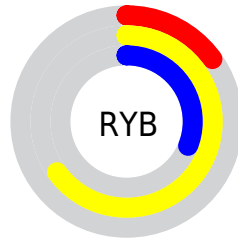
The Hex color **7CA725** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5025A7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B4DE5D**, and **467300** is the 20% darker color. If you saturate the color by 10%, you get **76A714**, and if you desaturate by 10%, it is **82A736**.

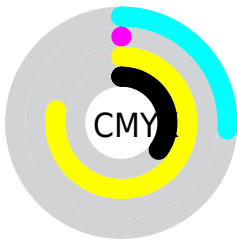
Distribution



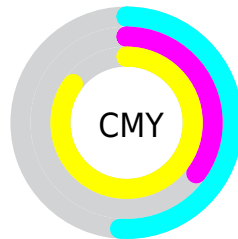
- Red (49%)
- Green (65%)
- Blue (15%)



- Red (15%)
- Yellow (65%)
- Blue (31%)



- Cyan (26%)
- Magenta (0%)
- Yellow (78%)
- Black (35%)



- Cyan (51%)
- Magenta (35%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA725 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 7CA725 by changing the saturation by 10% instead.

 7CA725

 7CA725

FFFFFF

 618C00

 B4DE5D

 467300

 D1FB78

 2B5A00

 EEFF93

 094200

 FFFF9F

 002C00

 FFFFCB

 001400

 FFFF88

 000000

 7CA725

 7CA725

 76A714

 82A736

 71A704

 87A746

 70A700

 8DA757

 92A768

 98A779

 9DA789

 A3A79A

 A8A7AB

 AEA7BB

Harmonies

Analogous

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



B79706



7CA725



03B15B

Triad

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



7CA725



00AEFF



FF5E9C

Complementary

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



7CA725



5025A7

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.



E06FD6



7CA725



00A1FF

Square

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



7CA725



00B5D3



978AFF



FF6762

Rectangle

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



7CA725



00B483



978AFF



FA61B0

Sweetspot

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



7CA725



C8D9A7



A74E25



636E4F



EDEDED



6E6E6E

Same Dimension

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



7CA725



96D90F



3DA725



51544C



639400



0E1400

Inverse Universe

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



5025A7



520FD9



8F25A7



4F4C54



310094



070014

Previews

White Background



This preview shows how the Hex color 7CA725 looks on a white background.

Color Contrast Check

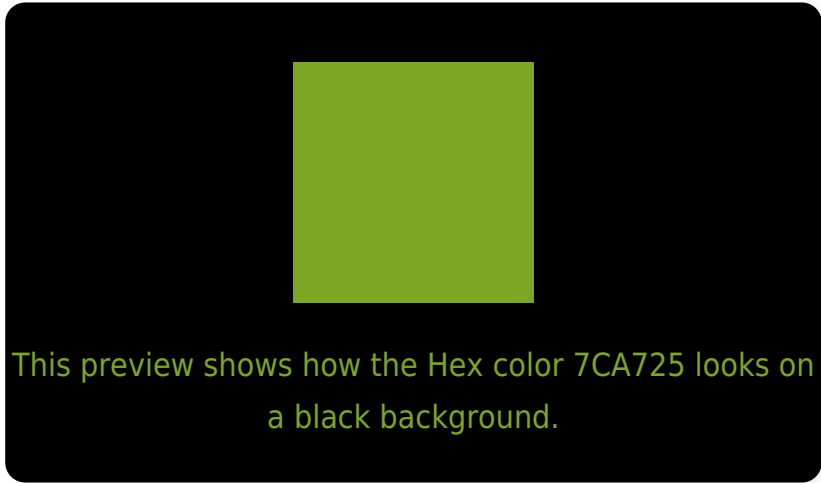
Large Text (above 18pt) WCAG AA × Fail

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 7CA725 Background



This preview shows how black text looks on a background with the Hex color 7CA725.



This preview shows how white text looks on a background with the Hex color 7CA725.

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
7CA725

Protanopia
AC9921

Deuteranopia
C0912F



Tritanopia
8B9CA8

Trichromacy



Original Color
7CA725

Protanomaly
9B9E22

Deuteranomaly
A7992B

Tritanomaly
86A078

Monochromacy



Original Color
7CA725

Achromatopsia
8B8B8B

Achromatomaly
869566

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA725 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 #7CA725 looks like.

```
.text, #text, p{  
    color:#7CA725  
}
```

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 #7CA725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA725
}
```

Border

The CSS property to change the border of an element to Hex 7CA725 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
#7CA725 }
```

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

```
.border{ border-color:#7CA725 }
```

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

Here you see how a box with a 4 pixel #7CA725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA725; -webkit-box-shadow:4px 4px  
4px 4px #7CA725; box-shadow:4px 4px 4px  
4px #7CA725 }
```

Background

The CSS property to change the background color of an element to Hex 7CA725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA725 }
```

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

```
.background{ background-color:#7CA725 }
```

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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