

Converting Colors

Hex(7ACF25)

Have a look what the booklet for
Hex(7ACF25) contains.

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Color

Hex(7ACF25)

Conversions

Conversions Part 1

Format	Color
Hex	7ACF25
RGB	122, 207, 37
RGB Percent	48%, 81%, 15%
CMY	0.5216, 0.1882, 0.8549
CMYK	0.41, 0.00, 0.82, 0.19
HSL	90°, 70%, 48%
HSV	90°, 82%, 81%
XYZ	30.6728, 48.8968, 9.5717
YIQ	162.2050, 3.9100, -70.8900

Conversions

Conversions Part 2

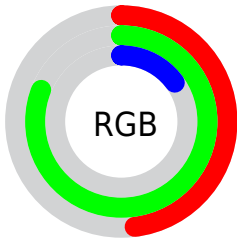
Format	Color
RYB	37, 207, 122
Decimal	8048421
CIELab	75.39, -50.95, 68.64
CIELCh	75, 85.480, 126.588
Yxy	48.8968, 0.3441, 0.5485
Android (android.graphics.Color)	4286238501 (0xFF7ACF25)
YUV	162.2050, -61.7261, -35.2598
Hunter-Lab	69.9262, -44.0728, 40.8326

Details

The Hex color **7ACF25** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **7A25CF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B4FF62**, and **3E9800** is the 20% darker color. If you saturate the color by 10%, you get **70CF10**, and if you desaturate by 10%, it is **84CF3A**.

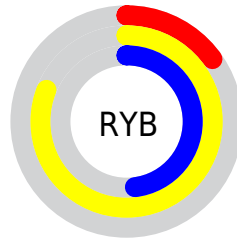
Distribution



Red (48%)

Green (81%)

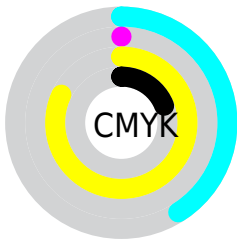
Blue (15%)



Red (15%)

Yellow (81%)

Blue (48%)

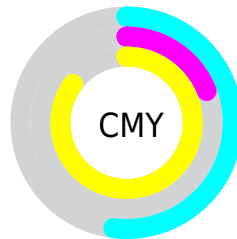


Cyan (41%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (52%)

Magenta (19%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ACF25 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 7ACF25 by changing the saturation by 10% instead.



7ACF25



7ACF25

FFFFFF



5DB300



B4FF62



3E9800



D2FF7F



187D00



F0FF9B



006400



FFFFB8



004B00



FFFFD5



003300



FFFFF2



001B00



000000



7ACF25



7ACF25

 70CF10

 84CF3A

 68CF00

 8FCF4E

 99CF63

 A3CF78

 AECF8C

 B8CFA1

 C2CFB6

 CDCFCB

 D7CFDF

Harmonies

Analogous

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



CEBC00



7ACF25



00D977

Triad

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



7ACF25



00D2FF



FF64AC

Complementary

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



7ACF25



7A25CF

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.



FF76FA



7ACF25



00BEFF

Square

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



7ACF25



00DCFF



D09CFF



FF7A60

Rectangle

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



7ACF25



00DDAE



D09CFF



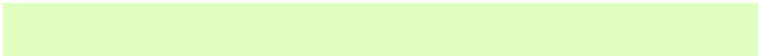
FF65C6

Sweetspot

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



7ACF25



DFFFBF



CF7A25



6C8059



000000



808080

Same Dimension

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



7ACF25



81FF03



25CF25



63695E



54A800



142900

Inverse Universe

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



7A25CF



8103FF



CF25CF



635E69



5400A8



140029

Previews

White Background



This preview shows how the Hex color 7ACF25 looks on a white background.

Color Contrast Check

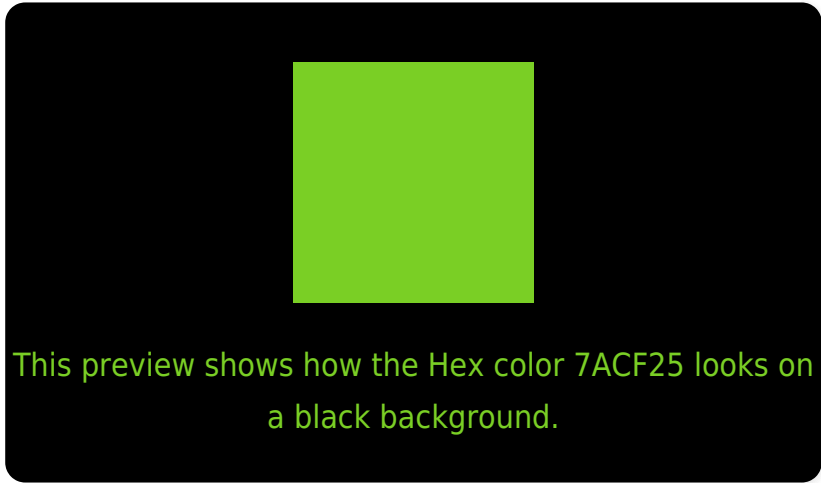
Large Text (above 18pt) WCAG AA × Fail

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 7ACF25 Background



This preview shows how black text looks on a background with the Hex color 7ACF25.

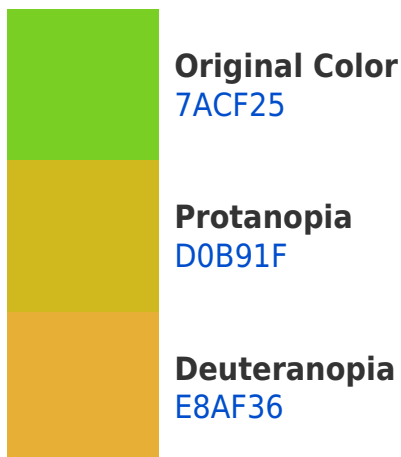


This preview shows how white text looks on a background with the Hex color 7ACF25.

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
91C1D0

Trichromacy



Original Color

7ACF25



Protanomaly

B1C121



Deuteranomaly

C0BB30



Tritanomaly

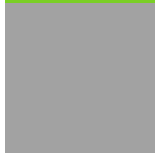
89C692

Monochromacy



Original Color

7ACF25



Achromatopsia

A2A2A2



Achromatomaly

93B275

CSS Examples

Text

The CSS property to change the color of the text to Hex 7ACF25 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 #7ACF25 looks like.

```
.text, #text, p{  
    color:#7ACF25  
}
```

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 #7ACF25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ACF25
}
```

Border

The CSS property to change the border of an element to Hex 7ACF25 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
#7ACF25 }
```

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

```
.border{ border-color:#7ACF25 }
```

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

Here you see how a box with a 4 pixel #7ACF25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ACF25; -webkit-box-shadow:4px 4px  
4px 4px #7ACF25; box-shadow:4px 4px 4px  
4px #7ACF25 }
```

Background

The CSS property to change the background color of an element to Hex 7ACF25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ACF25 }
```

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

```
.background{ background-color:#7ACF25 }
```

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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