

Converting Colors

Hex(70AE25)

Have a look what the booklet for
Hex(70AE25) contains.

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Color

Hex(70AE25)

Conversions

Conversions Part 1

Format	Color
Hex	70AE25
RGB	112, 174, 37
RGB Percent	44%, 68%, 15%
CMY	0.5608, 0.3176, 0.8549
CMYK	0.36, 0.00, 0.79, 0.32
HSL	87°, 65%, 41%
HSV	87°, 79%, 68%
XYZ	22.1521, 33.8504, 7.1165
YIQ	139.8440, 7.0250, -55.7510

Conversions

Conversions Part 2

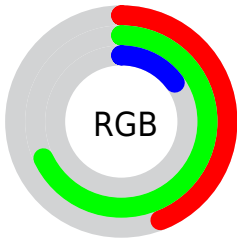
Format	Color
RYB	37, 174, 99
Decimal	7384613
CIELab	64.84, -40.76, 58.82
CIElCh	65, 71.567, 124.721
Yxy	33.8504, 0.3510, 0.5363
Android (android.graphics.Color)	4285574693 (0xFF70AE25)
YUV	139.8440, -50.7021, -24.4192
Hunter-Lab	58.1811, -33.8543, 33.4746

Details

The Hex color **70AE25** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6325AE**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A8E65E**, and **387900** is the 20% darker color. If you saturate the color by 10%, you get **68AE14**, and if you desaturate by 10%, it is **78AE36**.

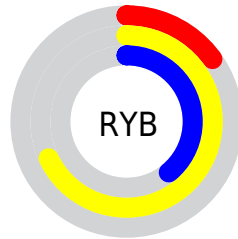
Distribution



Red (44%)

Green (68%)

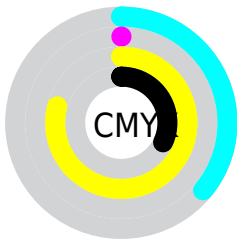
Blue (15%)



Red (15%)

Yellow (68%)

Blue (39%)

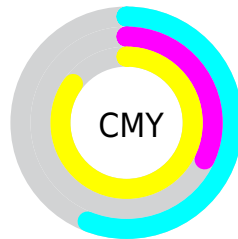


Cyan (36%)

Magenta (0%)

Yellow (79%)

Black (32%)



Cyan (56%)

Magenta (32%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AE25 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 70AE25 by changing the saturation by 10% instead.

 70AE25

 70AE25

FFFFFF

 549300

 A8E65E

 387900

 C5FF79

 196000

 E2FF94

 004700

 FFFF80

 003000

 FFFFC0

 001A00

 FFFF90

 000000

 70AE25

 70AE25

 68AE14

 78AE36

 60AE02

 80AE48

 5FAE00

 88AE59

 8FAE6B

 97AE7C

 9FAE8D

 A7AE9F

 AFAEB0

 B7AEC2

Harmonies

Analogous

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



B39E00



70AE25



00B763

Triad

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



70AE25



00B2FF



FF5A96

Complementary

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



70AE25



6325AE

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.



F26AD5



70AE25



00A2FF

Square

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



70AE25



00BAE5



AA88FF



FF6958

Rectangle

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



70AE25



00BA90



AA88FF



FF5CAB

Sweetspot

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



70AE25



CAE3AC



AE6325



647351



F2F2F2



737373

Same Dimension

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



70AE25



82E30E



2CAE25



53574E



529600



0D1700

Inverse Universe

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



6325AE



6E0EE3



A725AE



524E57



440096



0A0017

Previews

White Background



This preview shows how the Hex color 70AE25 looks on a white background.

Color Contrast Check

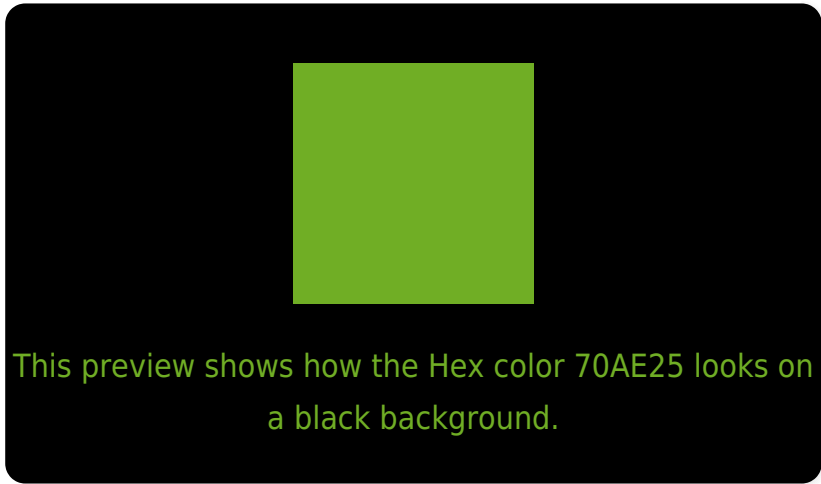
Large Text (above 18pt) WCAG AA × Fail

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 70AE25 Background



This preview shows how black text looks on a background with the Hex color 70AE25.



This preview shows how white text looks on a background with the Hex color 70AE25.

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
70AE25

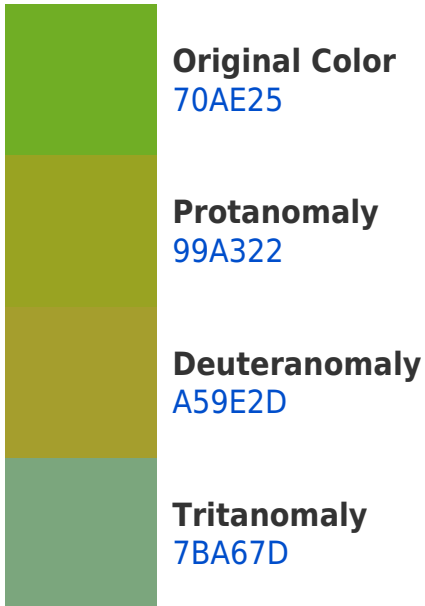
Protanopia
B09D21

Deuteranopia
C49531



Tritanopia
82A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AE25 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 #70AE25 looks like.

```
.text, #text, p{  
    color:#70AE25  
}
```

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 #70AE25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AE25
}
```

Border

The CSS property to change the border of an element to Hex 70AE25 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
#70AE25 }
```

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

```
.border{ border-color:#70AE25 }
```

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

Here you see how a box with a 4 pixel #70AE25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AE25; -webkit-box-shadow:4px 4px  
4px 4px #70AE25; box-shadow:4px 4px 4px  
4px #70AE25 }
```

Background

The CSS property to change the background color of an element to Hex 70AE25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AE25 }
```

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

```
.background{ background-color:#70AE25 }
```

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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