

Converting Colors

Hex(66AD70)

Have a look what the booklet for
Hex(66AD70) contains.

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Color

Hex(66AD70)

Conversions

Conversions Part 1

Format	Color
Hex	66AD70
RGB	102, 173, 112
RGB Percent	40%, 68%, 44%
CMY	0.6000, 0.3216, 0.5608
CMYK	0.41, 0.00, 0.35, 0.32
HSL	128°, 30%, 54%
HSV	128°, 41%, 68%
XYZ	23.3477, 33.8818, 20.6385
YIQ	144.8170, -22.7350, -34.0230

Conversions

Conversions Part 2

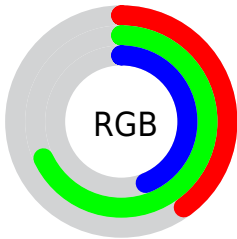
Format	Color
RYB	102, 164, 173
Decimal	6729072
CIELab	64.87, -35.43, 24.54
CIELCh	65, 43.101, 145.291
Yxy	33.8818, 0.2998, 0.4351
Android (android.graphics.Color)	4284919152 (0xFF66AD70)
YUV	144.8170, -16.1788, -37.5505
Hunter-Lab	58.2081, -30.2664, 19.7235

Details

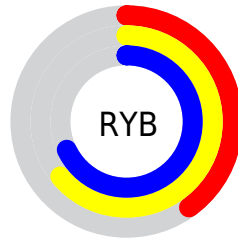
The Hex color **66AD70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD66A3**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9CE5A4**, and **31783F** is the 20% darker color. If you saturate the color by 10%, you get **55AD61**, and if you desaturate by 10%, it is **77AD7F**.

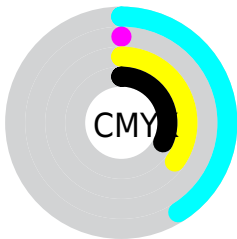
Distribution



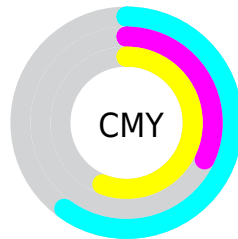
- Red (40%)
- Green (68%)
- Blue (44%)



- Red (40%)
- Yellow (64%)
- Blue (68%)



- Cyan (41%)
- Magenta (0%)
- Yellow (35%)
- Black (32%)



- Cyan (60%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66AD70 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 66AD70 by changing the saturation by 10% instead.

 66AD70

 66AD70

FFFFFF

 4C9257

 9CE5A4

 31783F

 B8FFBF

 135F28

 D4FFDB

 004612

 F1FFF8

 002F00

 001A00

 000000

 66AD70

 66AD70

 55AD61

 77AD7F

 43AD52

 89AD8E

 32AD43

 9AAD9D

 21AD35

 ABADAB

 10AD26

 BDADBA

 00AD18

 CEADC9

 DFADD8

 F0ADE7

 FFADF6

Harmonies

Analogous

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



94A556



66AD70



1DB196

Triad

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



66AD70



50A3EA



E6807F

Complementary

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



66AD70



AD66A3

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.



E27EA5



66AD70



9896E3

Square

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



66AD70



00ACDC



C887CA



D78B5F

Rectangle

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



66AD70



00B1B0



C887CA



E77E8B

Sweetspot

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



66AD70



C5E0C9



A4AD66



607063



F0F0F0



707070

Same Dimension

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



66AD70



72E082



66AD93



4E574F



009615



001703

Inverse Universe

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



AD66A3



E072D1



AD6680



574E55



960081



170014

Previews

White Background



This preview shows how the Hex color 66AD70 looks on a white background.

Color Contrast Check

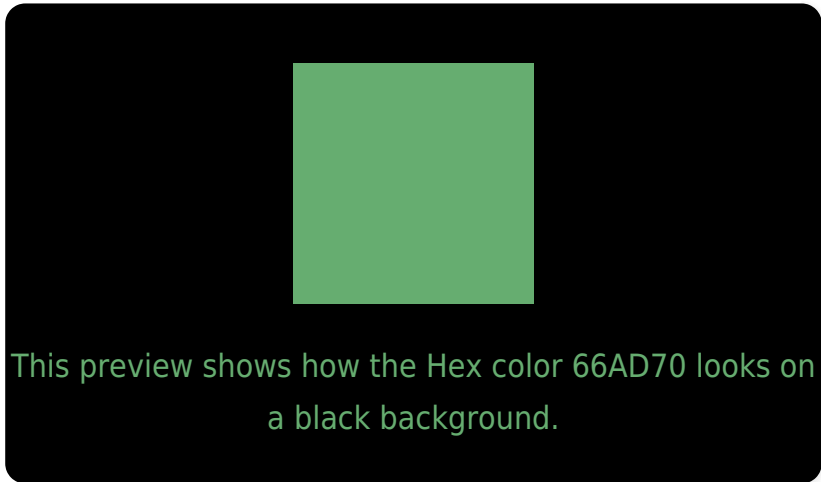
Large Text (above 18pt) WCAG AA × Fail

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 66AD70 Background



This preview shows how black text looks on a background with the Hex color 66AD70.

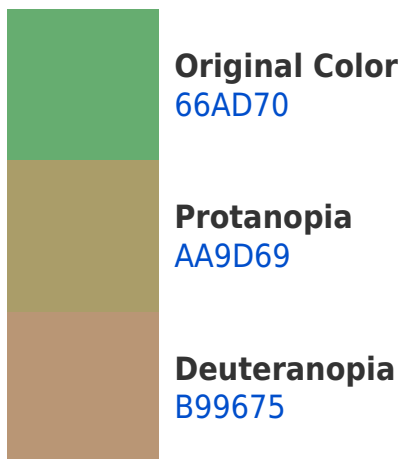


This preview shows how white text looks on a background with the Hex color 66AD70.

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](#).

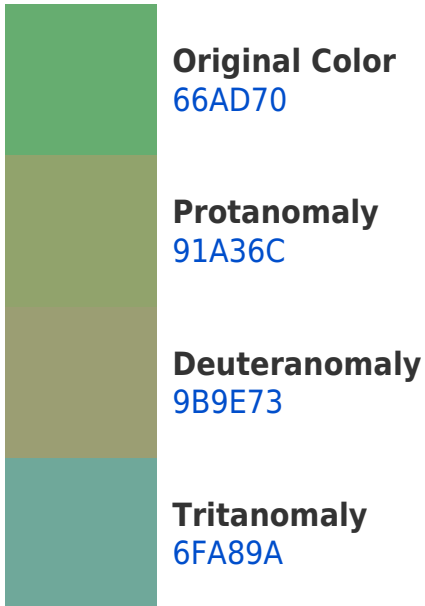
Dichromacy



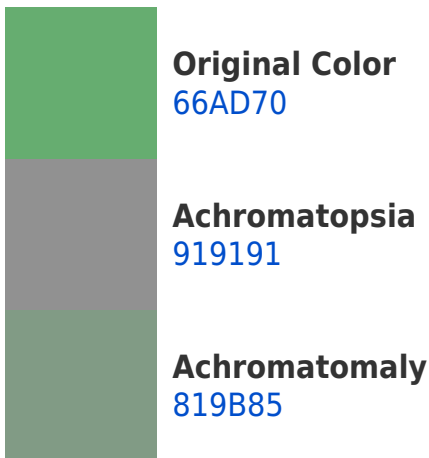


Tritanopia
74A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66AD70 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 #66AD70 looks like.

```
.text, #text, p{  
    color:#66AD70  
}
```

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 #66AD70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66AD70
}
```

Border

The CSS property to change the border of an element to Hex 66AD70 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
#66AD70 }
```

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

```
.border{ border-color:#66AD70 }
```

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

Here you see how a box with a 4 pixel #66AD70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66AD70; -webkit-box-shadow:4px 4px  
4px 4px #66AD70; box-shadow:4px 4px 4px  
4px #66AD70 }
```

Background

The CSS property to change the background color of an element to Hex 66AD70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66AD70 }
```

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

```
.background{ background-color:#66AD70 }
```

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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