

# Converting Colors

Hex(64AD75)

Have a look what the booklet for  
Hex(64AD75) contains.

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# **Color**

**Hex(64AD75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64AD75
RGB	100, 173, 117
RGB Percent	39%, 68%, 46%
CMY	0.6078, 0.3216, 0.5412
CMYK	0.42, 0.00, 0.32, 0.32
HSL	134°, 31%, 54%
HSV	134°, 42%, 68%
XYZ	23.4100, 33.8808, 22.1354
YIQ	144.7890, -25.5320, -32.8920

# Conversions

## Conversions Part 2

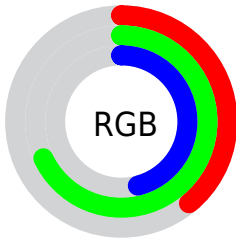
Format	Color
<a href="#">RYB</a>	<a href="#">100, 159, 173</a>
Decimal	<a href="#">6598005</a>
CIELab	<a href="#">64.87, -35.15, 21.83</a>
CIELCh	<a href="#">65, 41.376, 148.160</a>
Yxy	<a href="#">33.8808, 0.2947, 0.4266</a>
Android (android.graphics.Color)	<a href="#">4284788085 (0xFF64AD75)</a>
YUV	<a href="#">144.7890, -13.7000, -39.2800</a>
Hunter-Lab	<a href="#">58.2072, -30.0729, 18.1979</a>

# Details

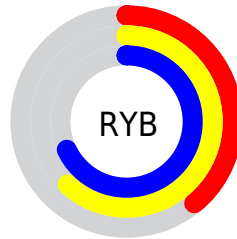
The Hex color **64AD75** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD649C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9AE5A9**, and **2F7844** is the 20% darker color. If you saturate the color by 10%, you get **53AD68**, and if you desaturate by 10%, it is **75AD82**.

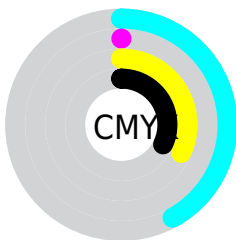
# Distribution



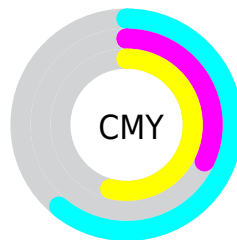
- Red (39%)
- Green (68%)
- Blue (46%)



- Red (39%)
- Yellow (62%)
- Blue (68%)



- Cyan (42%)
- Magenta (0%)
- Yellow (32%)
- Black (32%)



- Cyan (61%)
- Magenta (32%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64AD75 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 64AD75 by changing the saturation by 10% instead.



 64AD75

 64AD75

FFFFFF

 4A925C

 9AE5A9

 2F7844

 B6FFC5

 0F5F2D

 D2FFE1

 004617

 EFFFFE

 002F00

 001A00

 000000

 64AD75

 64AD75

 53AD68

 75AD82

 41AD5A

 87AD90

 30AD4D

 98AD9D

 1FAD40

 A9ADAA

 0DAD33

 BBADB7

 00AD28

 CCADC5

 DDADD2

 EEADDF

 FFADEC

# Harmonies

## Analogous

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



91A65A



64AD75



21B09A

# Triad

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



64AD75



5DA2E7



E3827C

# Complementary

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



64AD75



AD649C

# 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.



E180A1



64AD75



9D95DF

# Square

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



64AD75



00ABDB



C987C5



D38D5F

# Rectangle

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



64AD75



00B1B3



C987C5



E58088



# Sweetspot

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



64AD75



C3E0CA



9DAD64



5E7062



F0F0F0



707070



# Same Dimension

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



64AD75



6EE089



64AD98



4E5750



009623



001705



# Inverse Universe

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



AD649C



E06EC6



AD6479



574E55



960073



170012



# Previews

## White Background



This preview shows how the Hex color 64AD75 looks on a white background.

## Color Contrast Check

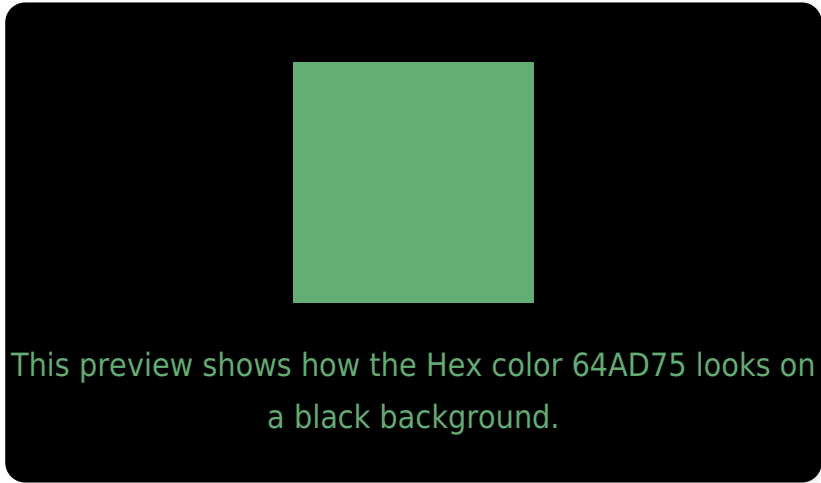
Large Text (above 18pt) WCAG AA × Fail

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

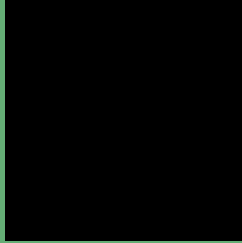
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64AD75 Background



This preview shows how black text looks on a background with the Hex color 64AD75.

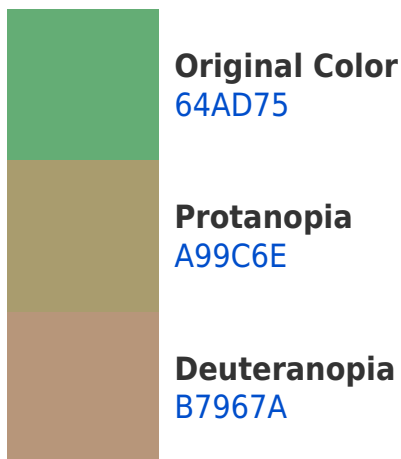


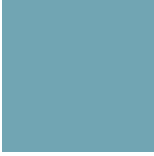
This preview shows how white text looks on a background with the Hex color 64AD75.

# 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](#).

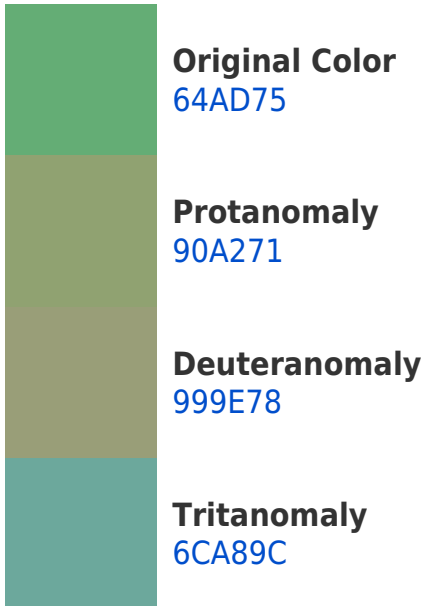
## Dichromacy



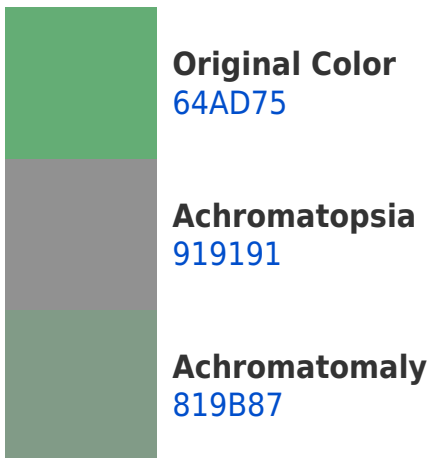


**Tritanopia**  
71A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64AD75 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 #64AD75 looks like.

```
.text, #text, p{  
    color:#64AD75  
}
```

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 #64AD75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64AD75
}
```

## Border

The CSS property to change the border of an element to Hex 64AD75 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
#64AD75 }
```

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

```
.border{ border-color:#64AD75 }
```

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

Here you see how a box with a 4 pixel #64AD75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64AD75; -webkit-box-shadow:4px 4px  
4px 4px #64AD75; box-shadow:4px 4px 4px  
4px #64AD75 }
```

# Background

The CSS property to change the background color of an element to Hex 64AD75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64AD75 }
```

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

```
.background{ background-color:#64AD75 }
```

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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