

# Converting Colors

Hex(64A386)

Have a look what the booklet for  
Hex(64A386) contains.

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# **Color**

**Hex(64A386)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64A386
RGB	100, 163, 134
RGB Percent	39%, 64%, 53%
CMY	0.6078, 0.3608, 0.4745
CMYK	0.39, 0.00, 0.18, 0.36
HSL	152°, 26%, 52%
HSV	152°, 39%, 64%
XYZ	22.6558, 30.6249, 27.2714
YIQ	140.8570, -28.2390, -22.3750

# Conversions

## Conversions Part 2

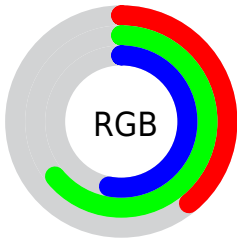
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 141, 163
Decimal	6595462
CIELab	62.19, -27.01, 8.74
CIELCh	62, 28.388, 162.069
Yxy	30.6249, 0.2813, 0.3802
Android (android.graphics.Color)	4284785542 (0xFF64A386)
YUV	140.8570, -3.3805, -35.8316
Hunter-Lab	55.3398, -23.7678, 9.5198

# Details

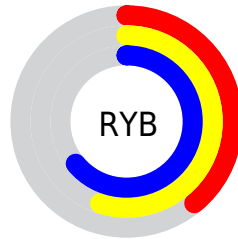
The Hex color **64A386** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A36481**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **99DABB**, and **306F54** is the 20% darker color. If you saturate the color by 10%, you get **54A37E**, and if you desaturate by 10%, it is **74A38E**.

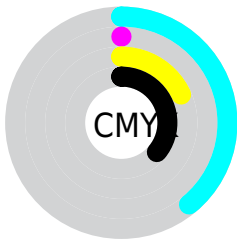
# Distribution



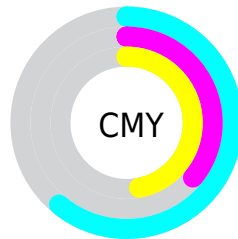
- Red (39%)
- Green (64%)
- Blue (53%)



- Red (39%)
- Yellow (55%)
- Blue (64%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)



- Cyan (61%)
- Magenta (36%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64A386 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 64A386 by changing the saturation by 10% instead.





64A386



64A386

FFFFFF



4A896D



99DABB



306F54



B5F7D7



15563D



D1FFF3



003E27



EEFFFF



002813



000E00



000000



64A386



64A386



54A37E



74A38E

■ 43A377

■ 85A395

■ 33A36F

■ 95A39D

■ 23A368

■ A5A3A4

■ 13A360

■ B5A3AC

■ 02A359

■ C6A3B3

■ 00A358

■ D6A3BB

■ E6A3C2

■ F7A3CA

# Harmonies

## Analogous

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



829F70



64A386



4AA4A0

# Triad

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



64A386



8495C7



C58876

# Complementary

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



64A386



A36481

# 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.



C8848D



64A386



A78CBC

# Square

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



64A386



5F9DC6



BE85A6



B59067

# Rectangle

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



64A386



43A3B0



BE85A6



C7867D



# Sweetspot

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



64A386



BAD4C8



81A364



5C6B64



EBEBEB



6B6B6B



# Same Dimension

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



64A386



72D4A7



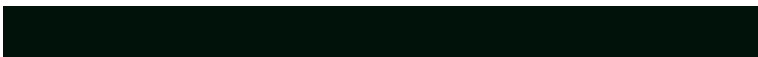
64A1A3



49524E



00914E



00120A



# Inverse Universe

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



A36481



D4729F



A36664



52494D



910043



120008



# Previews

## White Background



This preview shows how the Hex color 64A386 looks on a white background.

## Color Contrast Check

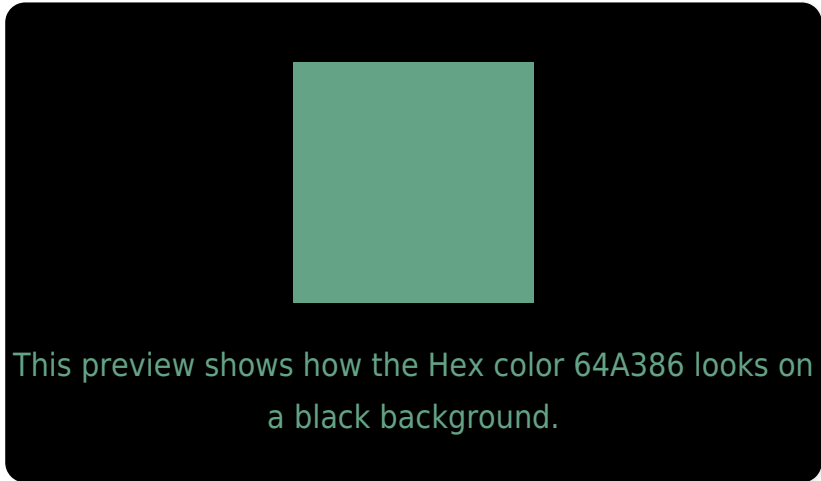
Large Text (above 18pt) WCAG AA × Fail

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 64A386 Background



This preview shows how black text looks on a background with the Hex color 64A386.

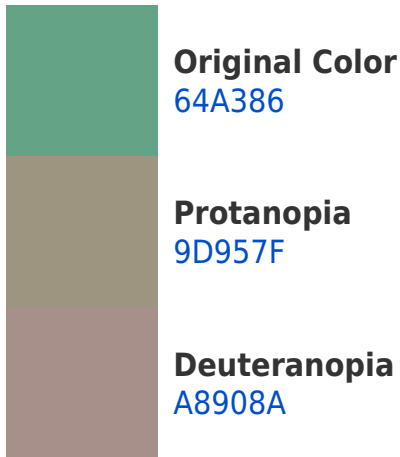


This preview shows how white text looks on a background with the Hex color 64A386.

# 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**  
6D9EAB

# Trichromacy



**Original Color**  
64A386

**Protanomaly**  
889A82

**Deuteranomaly**  
8F9789

**Tritanomaly**  
6AA09E

# Monochromacy



**Original Color**  
64A386

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
7E958A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64A386 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 #64A386 looks like.

```
.text, #text, p{  
    color:#64A386  
}
```

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 #64A386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A386
}
```

## Border

The CSS property to change the border of an element to Hex 64A386 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
#64A386 }
```

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

```
.border{ border-color:#64A386 }
```

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

Here you see how a box with a 4 pixel #64A386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A386; -webkit-box-shadow:4px 4px  
4px 4px #64A386; box-shadow:4px 4px 4px  
4px #64A386 }
```

# Background

The CSS property to change the background color of an element to Hex 64A386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A386 }
```

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

```
.background{ background-color:#64A386 }
```

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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