

# Converting Colors

Hex(6A8F56)

Have a look what the booklet for  
Hex(6A8F56) contains.

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**Color**

**Hex(6A8F56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A8F56
RGB	106, 143, 86
RGB Percent	42%, 56%, 34%
CMY	0.5843, 0.4392, 0.6627
CMYK	0.26, 0.00, 0.40, 0.44
HSL	99°, 25%, 45%
HSV	99°, 40%, 56%
XYZ	17.4460, 23.3810, 12.3976
YIQ	125.4390, -3.7550, -25.5710

# Conversions

## Conversions Part 2

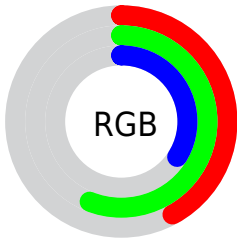
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 143, 123
Decimal	6983510
CIELab	55.46, -23.87, 26.27
CIELCh	55, 35.500, 132.258
Yxy	23.3810, 0.3278, 0.4393
Android (android.graphics.Color)	4285173590 (0xFF6A8F56)
YUV	125.4390, -19.4434, -17.0480
Hunter-Lab	48.3539, -20.2167, 18.6462

# Details

The Hex color **6A8F56** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B568F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9EC588**, and **395C27** is the 20% darker color. If you saturate the color by 10%, you get **618F48**, and if you desaturate by 10%, it is **738F64**.

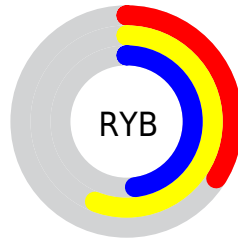
# Distribution



Red (42%)

Green (56%)

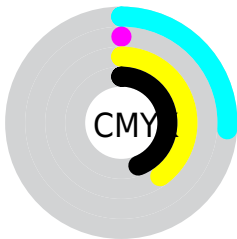
Blue (34%)



Red (34%)

Yellow (56%)

Blue (48%)

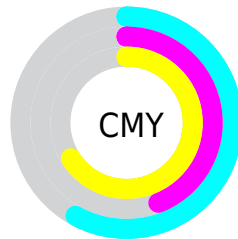


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A8F56 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 6A8F56 by changing the saturation by 10% instead.



 6A8F56

 6A8F56

FFFFFF

 51753E

 9EC588

 395C27

 BAE1A3

 214511

 D6FEBE

 0C2E00

 F3FFDA

 001C00

 FFFFF7

 000000

 6A8F56

 6A8F56

 618F48

 738F64

 578F39

 7D8F73

 4E8F2B

 868F81

 458F1D

 8F8F8F

 3C8F0E

 988F9E

 328F00

 A28FAC

 AB8FBA

 B48FC8

 BE8FD7

# Harmonies

## Analogous

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



8C8747



6A8F56



419471

# Triad

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



6A8F56



2C8DBF



C06C79

# Complementary

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



6A8F56



7B568F

# 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.



B56F98



6A8F56



6B84C1

# Square

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



6A8F56



0093AD



9878B3



BB725D

# Rectangle

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



6A8F56



169586



9878B3



BE6C84



# Sweetspot

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



6A8F56



ACBAA4



8F7A56



565E51



DEDEDE



5E5E5E



# Same Dimension

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



6A8F56



80BA61



568F5E



434740



2F8700



030800



# Inverse Universe

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



7B568F



9B61BA



8F5687



454047



580087



050008



# Previews

## White Background



This preview shows how the Hex color 6A8F56 looks on a white background.

## Color Contrast Check

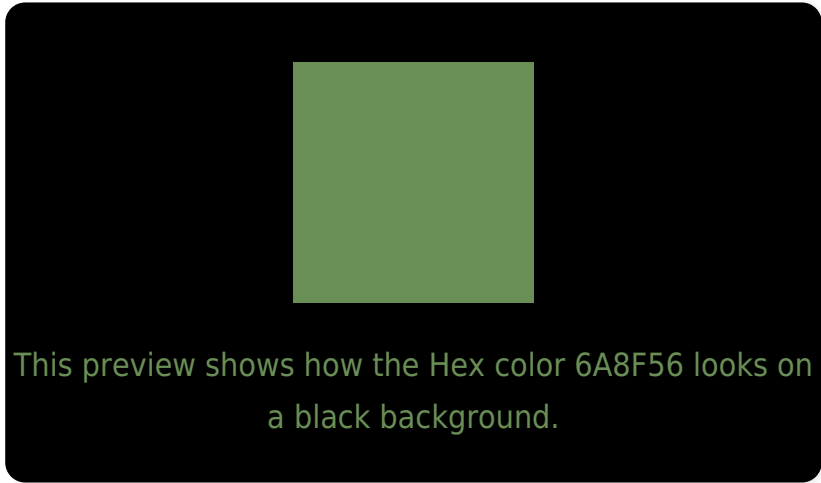
Large Text (above 18pt) WCAG AA ✓ Pass

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

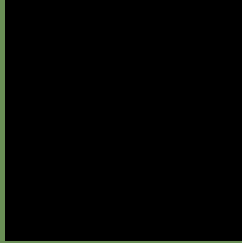
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6A8F56 Background



This preview shows how black text looks on a background with the Hex color 6A8F56.



This preview shows how white text looks on a background with the Hex color 6A8F56.

# 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



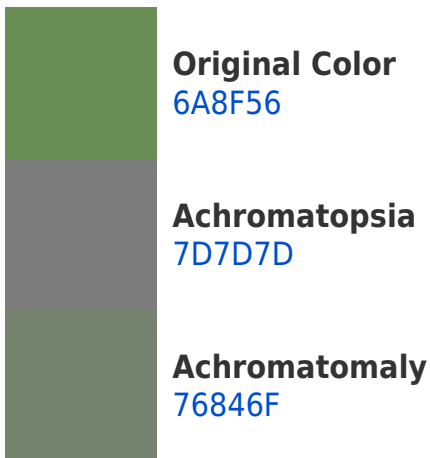


**Tritanopia**  
748893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A8F56 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 #6A8F56 looks like.

```
.text, #text, p{  
    color:#6A8F56  
}
```

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 #6A8F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A8F56
}
```

## Border

The CSS property to change the border of an element to Hex 6A8F56 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
#6A8F56 }
```

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

```
.border{ border-color:#6A8F56 }
```

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

Here you see how a box with a 4 pixel #6A8F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A8F56; -webkit-box-shadow:4px 4px  
4px 4px #6A8F56; box-shadow:4px 4px 4px  
4px #6A8F56 }
```

# Background

The CSS property to change the background color of an element to Hex 6A8F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A8F56 }
```

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

```
.background{ background-color:#6A8F56 }
```

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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