

# Converting Colors

Hex(6A7556)

Have a look what the booklet for  
Hex(6A7556) contains.

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# Color

**Hex(6A7556)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A7556
RGB	106, 117, 86
RGB Percent	42%, 46%, 34%
CMY	0.5843, 0.5412, 0.6627
CMYK	0.09, 0.00, 0.26, 0.54
HSL	81°, 15%, 40%
HSV	81°, 26%, 46%
XYZ	13.9849, 16.4586, 11.2439
YIQ	110.1770, 3.3950, -11.9730

# Conversions

## Conversions Part 2

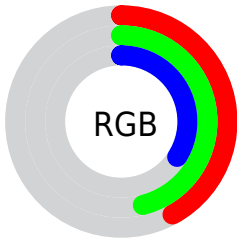
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 117, 97
Decimal	6976854
CIELab	47.57, -10.05, 15.77
CIELCh	48, 18.701, 122.498
Yxy	16.4586, 0.3355, 0.3948
Android (android.graphics.Color)	4285166934 (0xFF6A7556)
YUV	110.1770, -11.9193, -3.6632
Hunter-Lab	40.5692, -9.4644, 11.9661

# Details

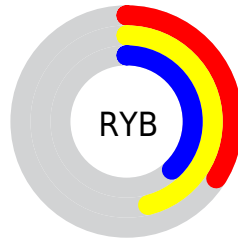
The Hex color **6A7556** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **615675**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **9EA988**, and **3A4528** is the 20% darker color. If you saturate the color by 10%, you get **66754A**, and if you desaturate by 10%, it is **6E7562**.

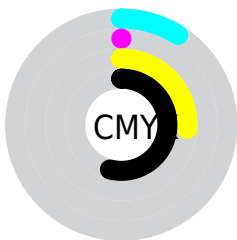
# Distribution



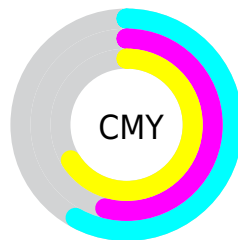
- Red (42%)
- Green (46%)
- Blue (34%)



- Red (34%)
- Yellow (46%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (54%)



- Cyan (58%)
- Magenta (54%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A7556 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 6A7556 by changing the saturation by 10% instead.





6A7556



6A7556

FFFFFFF



525C3F



9EA988



3A4528



B9C4A2



242F14



D4E0BD



101A00



F1FDD9



000000



FFFFFF6



6A7556



6A7556



66754A



6E7562



62753F



72756D

■ 5E7533

■ 767579

■ 597527

■ 7B7585

■ 55751C

■ 7F7591

■ 517510

■ 83759C

■ 4D7504

■ 8775A8

■ 4B7500

■ 8B75B4

■ 8F75BF

# Harmonies

## Analogous

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



7B7051



6A7556



587862

# Triad

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



6A7556



4B768C



906570

# Complementary

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



6A7556



615675

# 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.



866880



6A7556



5F7290

# Square

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



6A7556



427981



756C8B



906761

# Rectangle

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



6A7556



4D796C



756C8B



8E6675



# Sweetspot

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



6A7556



95998D



756156



4A4D45



CCCCCC



4D4D4D



# Same Dimension

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



6A7556



889968



5B7556



393B35



4F7A00



A1FA00



# Inverse Universe

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



615675



796899



705675



37353B



2B007A



5900FA



# Previews

## White Background



This preview shows how the Hex color 6A7556 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

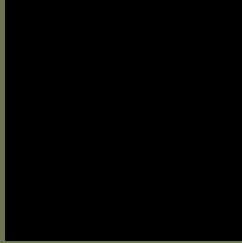
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A7556 Background



This preview shows how black text looks on a background with the Hex color 6A7556.



This preview shows how white text looks on a background with the Hex color 6A7556.

# 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**  
6A7556

**Protanopia**  
797154

**Deuteranopia**  
846C58



**Tritanopia**  
6F7079

# Trichromacy



**Original Color**  
6A7556

**Protanomaly**  
747255

**Deuteranomaly**  
7B6F57

**Tritanomaly**  
6D726C

# Monochromacy



**Original Color**  
6A7556

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6D7165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A7556 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 #6A7556 looks like.

```
.text, #text, p{  
    color:#6A7556  
}
```

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 #6A7556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7556
}
```

## Border

The CSS property to change the border of an element to Hex 6A7556 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".

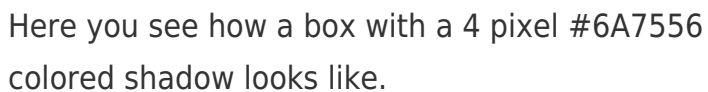
```
.border, #border, table{ border:4px solid
#6A7556 }
```

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

```
.border{ border-color:#6A7556 }
```

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

Here you see how a box with a 4 pixel #6A7556 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7556; -webkit-box-shadow:4px 4px  
4px 4px #6A7556; box-shadow:4px 4px 4px  
4px #6A7556 }
```

# Background

The CSS property to change the background color of an element to Hex 6A7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7556 }
```

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

```
.background{ background-color:#6A7556 }
```

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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