

# Converting Colors

Hex(6C7556)

Have a look what the booklet for  
Hex(6C7556) contains.

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# Color

**Hex(6C7556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7556
RGB	108, 117, 86
RGB Percent	42%, 46%, 34%
CMY	0.5765, 0.5412, 0.6627
CMYK	0.08, 0.00, 0.26, 0.54
HSL	77°, 15%, 40%
HSV	77°, 26%, 46%
XYZ	14.2253, 16.5826, 11.2551
YIQ	110.7750, 4.5870, -11.5490

# Conversions

## Conversions Part 2

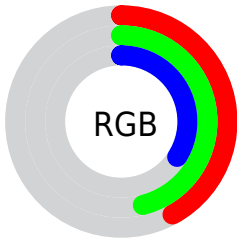
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 117, 95
Decimal	7107926
CIELab	47.73, -9.23, 16.02
CIELCh	48, 18.485, 119.954
Yxy	16.5826, 0.3382, 0.3942
Android (android.graphics.Color)	4285298006 (0xFF6C7556)
YUV	110.7750, -12.2141, -2.4337
Hunter-Lab	40.7218, -8.9076, 12.1180

# Details

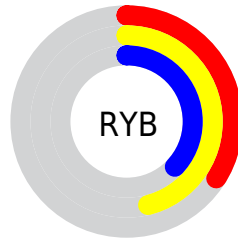
The Hex color **6C7556** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5F5675**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A0A988**, and **3C4528** is the 20% darker color. If you saturate the color by 10%, you get **69754A**, and if you desaturate by 10%, it is **6F7562**.

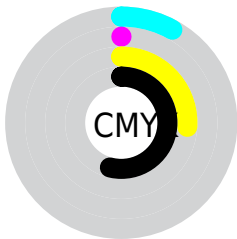
# Distribution



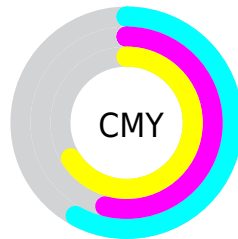
- Red (42%)
- Green (46%)
- Blue (34%)



- Red (34%)
- Yellow (46%)
- Blue (37%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (54%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7556 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 6C7556 by changing the saturation by 10% instead.





6C7556



6C7556

FFFFFF



545C3F



A0A988



3C4528



BBC4A2



262F14



D7E0BD



121A00



F3FDD9



000000



FFFFFF6



6C7556



6C7556



69754A



6F7562



65753F



73756D

■ 627533

■ 767579

■ 5E7527

■ 7A7585

■ 5B751C

■ 7D7591

■ 587510

■ 80759C

■ 547504

■ 8475A8

■ 537500

■ 8775B4

■ 8B75BF

# Harmonies

## Analogous

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



7D7052



6C7556



5A7861

# Triad

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



6C7556



4B778C



8F6672

# Complementary

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



6C7556



5F5675

# 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.



856881



6C7556



5E7390

# Square

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



6C7556



437A80



746D8C



916762

# Rectangle

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



6C7556



4F7A6B



746D8C



8D6677



# Sweetspot

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



6C7556



95998D



755F56



4A4D45



CCCCCC



4D4D4D



# Same Dimension

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



6C7556



8B9968



5D7556



393B35



577A00



B1FA00



# Inverse Universe

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



5F5675



766899



6E5675



36353B



24007A



4900FA



# Previews

## White Background



This preview shows how the Hex color 6C7556 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

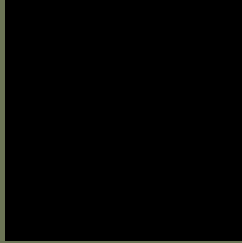
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C7556 Background



This preview shows how black text looks on a background with the Hex color 6C7556.



This preview shows how white text looks on a background with the Hex color 6C7556.

# 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**  
6C7556

**Protanopia**  
797154

**Deuteranopia**  
856D58



**Tritanopia**  
717079

# Trichromacy



**Original Color**  
6C7556

**Protanomaly**  
747255

**Deuteranomaly**  
7C7057

**Tritanomaly**  
6F726C

# Monochromacy



**Original Color**  
6C7556

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6E7166

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7556 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 #6C7556 looks like.

```
.text, #text, p{  
    color:#6C7556  
}
```

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 #6C7556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7556
}
```

## Border

The CSS property to change the border of an element to Hex 6C7556 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".

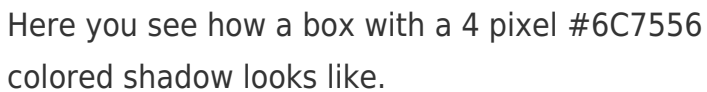
```
.border, #border, table{ border:4px solid
#6C7556 }
```

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

```
.border{ border-color:#6C7556 }
```

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

Here you see how a box with a 4 pixel #6C7556 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7556; -webkit-box-shadow:4px 4px  
4px 4px #6C7556; box-shadow:4px 4px 4px  
4px #6C7556 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7556 }
```

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

```
.background{ background-color:#6C7556 }
```

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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