

Converting Colors

Hex(6A7676)

Have a look what the booklet for
Hex(6A7676) contains.

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Color

Hex(6A7676)

Conversions

Conversions Part 1

Format	Color
Hex	6A7676
RGB	106, 118, 118
RGB Percent	42%, 46%, 46%
CMY	0.5843, 0.5373, 0.5373
CMYK	0.10, 0.00, 0.00, 0.54
HSL	180°, 5%, 44%
HSV	180°, 10%, 46%
XYZ	15.6923, 17.3290, 19.6573
YIQ	114.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

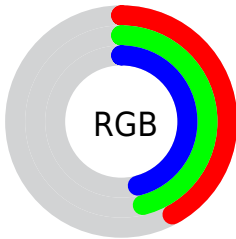
Format	Color
R_{YB}	106, 112, 118
Decimal	6977142
CIE Lab	48.67, -4.46, -1.53
CIE LCh	49, 4.719, 198.958
Yxy	17.3290, 0.2979, 0.3290
Android (android.graphics.Color)	4285167222 (0xFF6A7676)
YUV	114.4120, 1.7689, -7.3773
Hunter-Lab	41.6282, -5.5613, 1.1423

Details

The Hex color **6A7676** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766A6A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9DAAAA**, and **3B4646** is the 20% darker color. If you saturate the color by 10%, you get **5E7676**, and if you desaturate by 10%, it is **767676**.

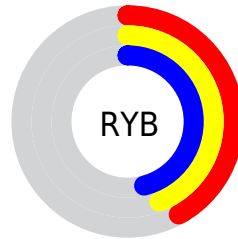
Distribution



Red (42%)

Green (46%)

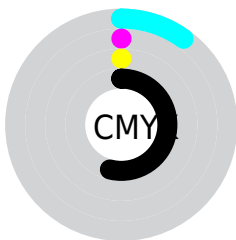
Blue (46%)



Red (42%)

Yellow (44%)

Blue (46%)

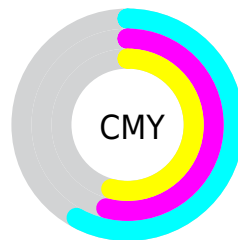


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7676 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 6A7676 by changing the saturation by 10% instead.



6A7676



6A7676

FFFFFF



525D5D



9DAAAA



3B4646



B8C5C5



252F30



D4E1E1



111B1B



F0FEFE



000000



6A7676



6A7676



5E7676



767676



527676



827676



477676



8D7676

■ 3B7676

■ 997676

■ 2F7676

■ A57676

■ 237676

■ B17676

■ 177676

■ BD7676

■ 0C7676

■ C87676

■ 007676

■ D47676

Harmonies

Analogous

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



6C7672



6A7676



6B7579

Triad

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



6A7676



777279



79736C

Complementary

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



6A7676



766A6A

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.



7C726E



6A7676



7B7175

Square

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



6A7676



73737B



7C7171



74746C

Rectangle

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



6A7676



6D757B



7C7171



7A726C

Sweetspot

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



6A7676



949999



6A766A



494D4D



CCCCCC



4D4D4D

Same Dimension

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



6A7676



879999



6A7076



353B3B



007A7A



00FAFA

Inverse Universe

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



766A76



998799



76706A



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 6A7676 looks on a white background.

Color Contrast Check

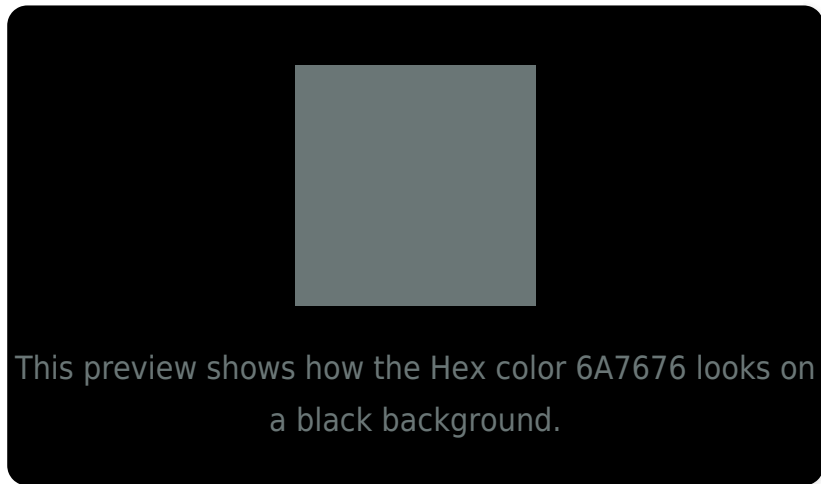
Large Text (above 18pt) WCAG AA ✓ Pass

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

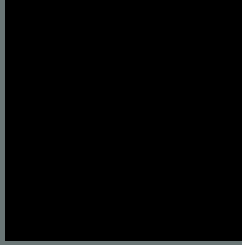
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

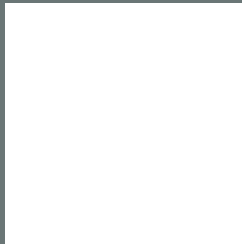
Any Text WCAG AAA × Fail

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

Hex 6A7676 Background



This preview shows how black text looks on a background with the Hex color 6A7676.



This preview shows how white text looks on a background with the Hex color 6A7676.

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
6A7676

Protanopia
757374

Deuteranopia
7D7077



Tritanopia
6B757E

Trichromacy



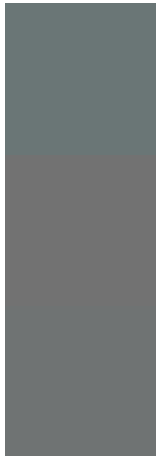
Original Color
6A7676

Protanomaly
717475

Deuteranomaly
767277

Tritanomaly
6B757B

Monochromacy



Original Color
6A7676

Achromatopsia
727272

Achromatomaly
6F7373

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7676 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 #6A7676 looks like.

```
.text, #text, p{  
    color:#6A7676  
}
```

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 #6A7676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7676
}
```

Border

The CSS property to change the border of an element to Hex 6A7676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

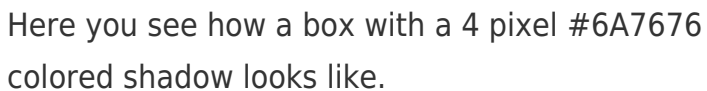
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7676 }
```

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

```
.border{ border-color:#6A7676 }
```

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



Here you see how a box with a 4 pixel #6A7676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7676; -webkit-box-shadow:4px 4px  
4px 4px #6A7676; box-shadow:4px 4px 4px  
4px #6A7676 }
```

Background

The CSS property to change the background color of an element to Hex 6A7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7676 }
```

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

```
.background{ background-color:#6A7676 }
```

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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