

Converting Colors

Hex(64766E)

Have a look what the booklet for
Hex(64766E) contains.

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Color

Hex(64766E)

Conversions

Conversions Part 1

Format	Color
Hex	64766E
RGB	100, 118, 110
RGB Percent	39%, 46%, 43%
CMY	0.6078, 0.5373, 0.5686
CMYK	0.15, 0.00, 0.07, 0.54
HSL	153°, 8%, 43%
HSV	153°, 15%, 46%
XYZ	14.5484, 16.7920, 17.2262
YIQ	111.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

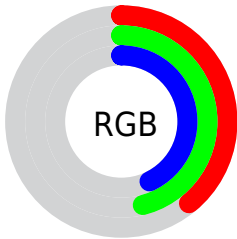
Format	Color
R_{YB}	100, 112, 118
Decimal	6583918
CIE _{Lab}	48.00, -8.39, 2.17
CIE _{LCh}	48, 8.662, 165.496
Yxy	16.7920, 0.2996, 0.3458
Android (android.graphics.Color)	4284773998 (0xFF64766E)
YUV	111.7060, -0.8411, -10.2662
Hunter-Lab	40.9780, -8.3386, 3.7604

Details

The Hex color **64766E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76646C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **97AAA2**, and **35463F** is the 20% darker color. If you saturate the color by 10%, you get **587669**, and if you desaturate by 10%, it is **707673**.

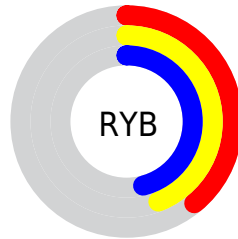
Distribution



Red (39%)

Green (46%)

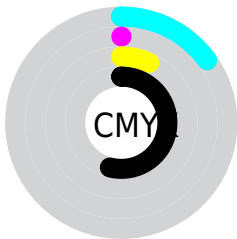
Blue (43%)



Red (39%)

Yellow (44%)

Blue (46%)

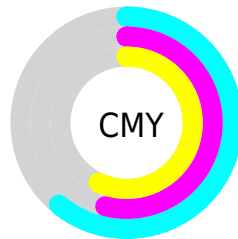


Cyan (15%)

Magenta (0%)

Yellow (7%)

Black (54%)



Cyan (61%)

Magenta (54%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64766E 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 64766E by changing the saturation by 10% instead.

64766E

64766E

FFFFFF

4C5D56

97AAA2

35463F

B2C5BD

202F29

CDE1D8

0A1B14

EAFEF5

000000

64766E

64766E

587669

707673

4C7664

7C7678

41765E

87767E

 357659


 937683

 297654

 9F7688

 1D764F

 AB768D

 117649

 B77693

 067644

 C27698

 007642

 CE769D

Harmonies

Analogous

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



6B7568



64766E



607676

Triad

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



64766E



6F7180



806E68

Complementary

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



64766E



76646C

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.



826D6E



64766E



786F7C

Square

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



64766E



667480



7F6D76



7B7064

Rectangle

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



64766E



60767A



7F6D76



816E6A

Sweetspot

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



64766E



919996



6C7664



484D4A



CCCCCC



4D4D4D

Same Dimension

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



64766E



7D998D



647576



353B38



007A44



00FA8B

Inverse Universe

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



76646C



997D8A



766564



3B3537



7A0036



FA006F

Previews

White Background



This preview shows how the Hex color 64766E looks on a white background.

Color Contrast Check

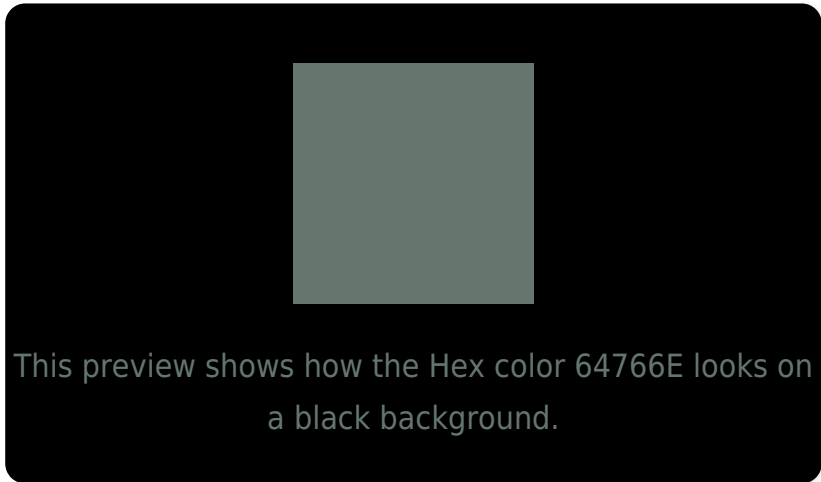
Large Text (above 18pt) WCAG AA ✓ Pass

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

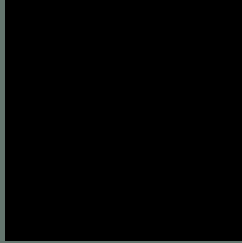
Any Text WCAG AA × Fail

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 64766E Background



This preview shows how black text looks on a background with the Hex color 64766E.



This preview shows how white text looks on a background with the Hex color 64766E.

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
64766E

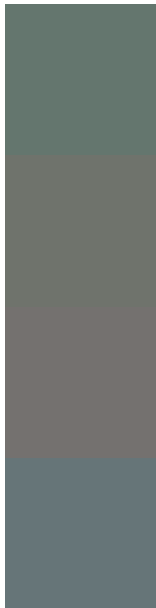
Protanopia
75716B

Deuteranopia
7D6E70



Tritanopia
67747D

Trichromacy



Original Color
64766E

Protanomaly
6F736C

Deuteranomaly
74716F

Tritanomaly
667578

Monochromacy



Original Color
64766E

Achromatopsia
707070

Achromatomaly
6C726F

CSS Examples

Text

The CSS property to change the color of the text to Hex 64766E 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 #64766E looks like.

```
.text, #text, p{  
    color:#64766E  
}
```

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 #64766E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64766E
}
```

Border

The CSS property to change the border of an element to Hex 64766E 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".

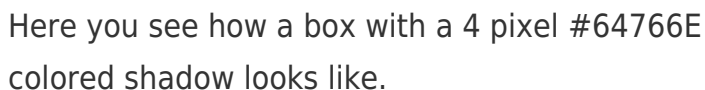
```
.border, #border, table{ border:4px solid
#64766E }
```

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

```
.border{ border-color:#64766E }
```

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

Here you see how a box with a 4 pixel #64766E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64766E; -webkit-box-shadow:4px 4px  
4px 4px #64766E; box-shadow:4px 4px 4px  
4px #64766E }
```

Background

The CSS property to change the background color of an element to Hex 64766E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64766E }
```

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

```
.background{ background-color:#64766E }
```

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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