

Converting Colors

Hex(737875)

Have a look what the booklet for
Hex(737875) contains.

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Color

Hex(737875)

Conversions

Conversions Part 1

Format	Color
Hex	737875
RGB	115, 120, 117
RGB Percent	45%, 47%, 46%
CMY	0.5490, 0.5294, 0.5412
CMYK	0.04, 0.00, 0.03, 0.53
HSL	144°, 2%, 46%
HSV	144°, 4%, 47%
XYZ	16.9976, 18.3621, 19.4780
YIQ	118.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

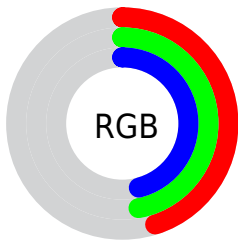
Format	Color
R_{YB}	115, 119, 120
Decimal	7567477
CIE _{Lab}	49.93, -2.49, 0.99
CIE _{LCh}	50, 2.679, 158.431
Yxy	18.3621, 0.3100, 0.3348
Android (android.graphics.Color)	4285757557 (0xFF737875)
YUV	118.1630, -0.5734, -2.7740
Hunter-Lab	42.8511, -4.1844, 3.0454

Details

The Hex color **737875** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **787376**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A7ACA9**, and **434845** is the 20% darker color. If you saturate the color by 10%, you get **67786E**, and if you desaturate by 10%, it is **7F787C**.

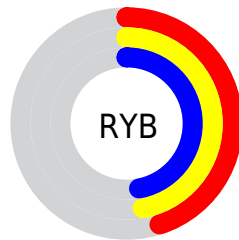
Distribution



Red (45%)

Green (47%)

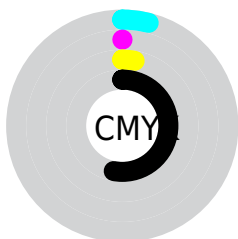
Blue (46%)



Red (45%)

Yellow (47%)

Blue (47%)

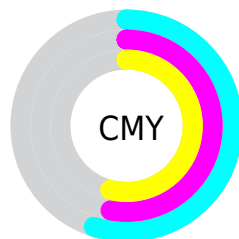


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737875 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 737875 by changing the saturation by 10% instead.

■ 737875

■ 737875

FFFFFF

■ 5A5F5C

■ A7ACA9

■ 434845

■ C2C8C4

■ 2D312F

■ DEE4E0

■ 181C1A

■ FBFFFD

■ 000000

■ 737875

■ 737875

■ 67786E

■ 7F787C

■ 5B7867

■ 8B7883

■ 4F785F

■ 97788B

■ 437858

■ A37892

■ 377851

■ AF7899

■ 2B784A

■ BB78A0

■ 1F7843

■ C778A7

■ 13783B

■ D378AF

■ 077834

■ DF78B6

Harmonies

Analogous

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



757773



737875



727877

Triad

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



737875



75777B



7C7574

Complementary

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



737875



787376

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.



7C7576



737875



78767A

Square

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



737875



73777B



7A7578



7A7673

Rectangle

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



737875



717879



7A7578



7C7575

Sweetspot

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



737875



9A9C9B



767873



4E4F4F



CFCFCF



4F4F4F

Same Dimension

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



737875



949C97



737877



3A3D3B



007D32



00FC65

Inverse Universe

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



787376



9C9498



787374



3D3A3C



7D004B



FC0097

Previews

White Background



This preview shows how the Hex color 737875 looks on a white background.

Color Contrast Check

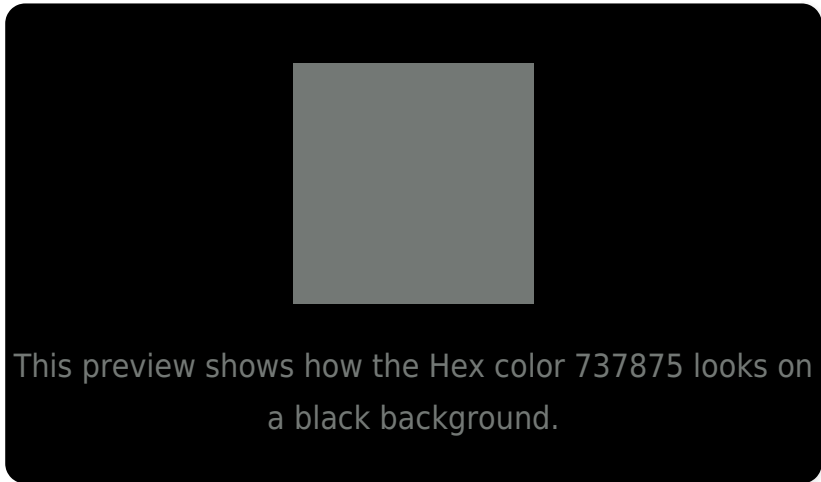
Large Text (above 18pt) WCAG AA ✓ Pass

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

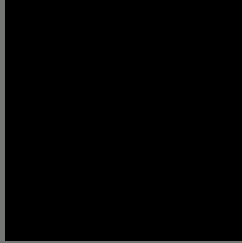
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

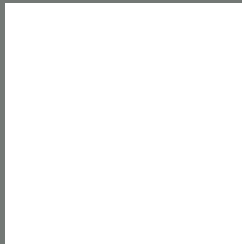
Any Text WCAG AAA × Fail

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

Hex 737875 Background



This preview shows how black text looks on a background with the Hex color 737875.



This preview shows how white text looks on a background with the Hex color 737875.

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
737875

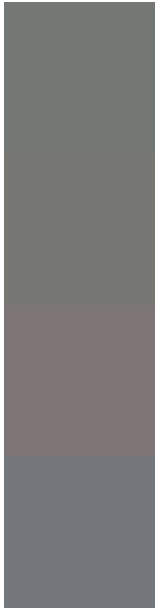
Protanopia
797674

Deuteranopia
827376



Tritanopia
757680

Trichromacy



Original Color
737875

Protanomaly
777774

Deuteranomaly
7D7576

Tritanomaly
74777C

Monochromacy



Original Color
737875

Achromatopsia
767676

Achromatomaly
757776

CSS Examples

Text

The CSS property to change the color of the text to Hex 737875 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 #737875 looks like.

```
.text, #text, p{  
    color:#737875  
}
```

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 #737875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737875
}
```

Border

The CSS property to change the border of an element to Hex 737875 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
#737875 }
```

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

```
.border{ border-color:#737875 }
```

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

Here you see how a box with a 4 pixel #737875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737875; -webkit-box-shadow:4px 4px  
4px 4px #737875; box-shadow:4px 4px 4px  
4px #737875 }
```

Background

The CSS property to change the background color of an element to Hex 737875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737875 }
```

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

```
.background{ background-color:#737875 }
```

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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