

# Converting Colors

Hex(737483)

Have a look what the booklet for  
Hex(737483) contains.

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# Color

Hex(737483)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 737483                    |
| RGB         | 115, 116, 131             |
| RGB Percent | 45%, 45%, 51%             |
| CMY         | 0.5490, 0.5451, 0.4863    |
| CMYK        | 0.12, 0.11, 0.00, 0.49    |
| HSL         | 236°, 7%, 48%             |
| HSV         | 236°, 12%, 51%            |
| XYZ         | 17.4124, 17.7743, 23.9858 |
| YIQ         | 117.4110, -5.4110, 4.4530 |

# Conversions

## Conversions Part 2

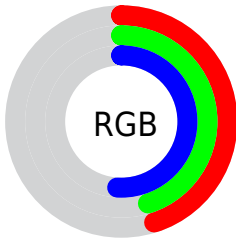
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 115, 116, 131                |
| Decimal                             | 7566467                      |
| CIE <sub>Lab</sub>                  | 49.22, 2.85, -8.34           |
| CIE <sub>LCh</sub>                  | 49, 8.811, 288.848           |
| Yxy                                 | 17.7743, 0.2943,<br>0.3004   |
| Android<br>(android.graphics.Color) | 4285756547<br>(0xFF737483)   |
| YUV                                 | 117.4110, 6.6994,<br>-2.1144 |
| Hunter-Lab                          | 42.1596, -0.0569,<br>-4.2200 |

# Details

The Hex color **737483** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **838273**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A7A8B8**, and **434452** is the 20% darker color. If you saturate the color by 10%, you get **666883**, and if you desaturate by 10%, it is **808083**.

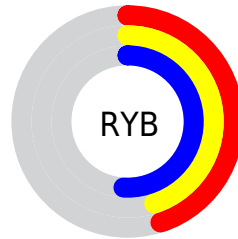
# Distribution



Red (45%)

Green (45%)

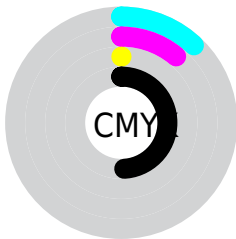
Blue (51%)



Red (45%)

Yellow (45%)

Blue (51%)

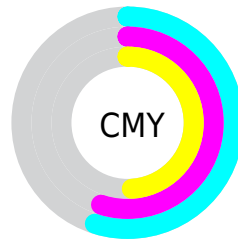


Cyan (12%)

Magenta (11%)

Yellow (0%)

Black (49%)



Cyan (55%)

Magenta (55%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737483 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 737483 by changing the saturation by 10% instead.



 737483

 737483

FFFFFF

 5A5B6A

 A7A8B8

 434452

 C2C3D4

 2D2E3B

 DEDFF0

 181925

 FBFCFF

 000110

 000000

 737483

 737483

 666883

 808083

 595B83

 8D8D83

■ 4C4F83

■ 9A9983

■ 3F4383

■ A7A583

■ 323783

■ B4B183

■ 242A83

■ C2BE83

■ 171E83

■ CFCA83

■ 0A1283

■ DCD683

■ 000883

■ E9E383

# Harmonies

## Analogous

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



6A7683



737483



7C727F

# Triad

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



737483



83716A



667972

# Complementary

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



737483



838273

# Split Complementary

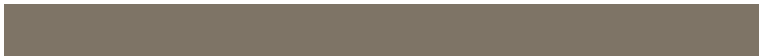
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6D786B



737483



7E7466

# Square

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



737483



857070



767667



627979

# Rectangle

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



737483



81717B



767667



68796F



# Sweetspot

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



737483



A4A4AB



738382



525357



D6D6D6



575757



# Same Dimension

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



737483



9193AB



7A7383



3C3C42



000882



000003



# Inverse Universe

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



837374



AB9193



7C8373



423C3C



820008



030000



# Previews

## White Background



This preview shows how the Hex color 737483 looks on a white background.

## Color Contrast Check

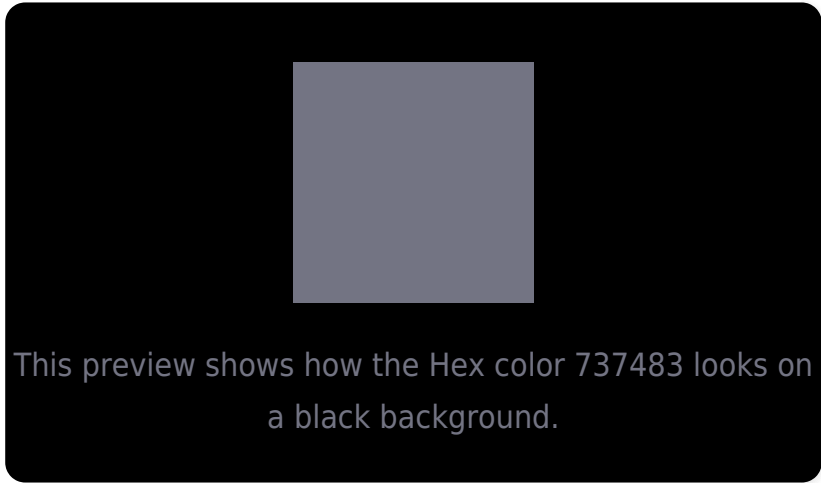
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

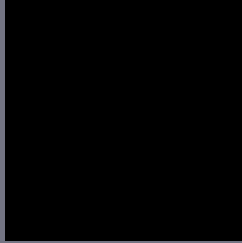
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

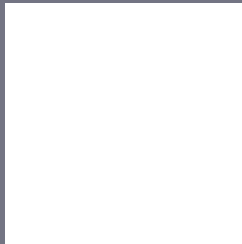
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737483 Background



This preview shows how black text looks on a background with the Hex color 737483.



This preview shows how white text looks on a background with the Hex color 737483.

# 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**

737483

**Protanopia**

737483

**Deuteranopia**

797283



**Tritanopia**  
72757E

# Trichromacy



**Original Color**  
737483

**Protanomaly**  
737483

**Deuteranomaly**  
777383

**Tritanomaly**  
727580

# Monochromacy



**Original Color**  
737483

**Achromatopsia**  
757575

**Achromatomaly**  
74757A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737483 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 #737483 looks like.

```
.text, #text, p{  
    color:#737483  
}
```

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 #737483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737483
}
```

## Border

The CSS property to change the border of an element to Hex 737483 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
#737483 }
```

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

```
.border{ border-color:#737483 }
```

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

Here you see how a box with a 4 pixel #737483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737483; -webkit-box-shadow:4px 4px  
4px 4px #737483; box-shadow:4px 4px 4px  
4px #737483 }
```

# Background

The CSS property to change the background color of an element to Hex 737483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737483 }
```

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

```
.background{ background-color:#737483 }
```

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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