

Converting Colors

Hex(736581)

Have a look what the booklet for
Hex(736581) contains.

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Color

Hex(736581)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 736581 |
| RGB | 115, 101, 129 |
| RGB Percent | 45%, 40%, 51% |
| CMY | 0.5490, 0.6039, 0.4941 |
| CMYK | 0.11, 0.22, 0.00, 0.49 |
| HSL | 270°, 12%, 45% |
| HSV | 270°, 22%, 51% |
| XYZ | 15.6864, 14.5372, 22.7481 |
| YIQ | 108.3780, -0.6440, 11.6760 |

Conversions

Conversions Part 2

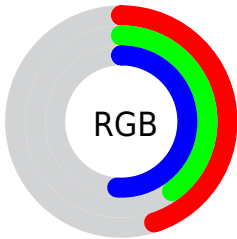
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 115, 101, 129 |
| Decimal | 7562625 |
| CIE _{Lab} | 44.99, 11.36, -13.51 |
| CIE _{LCh} | 45, 17.652, 310.046 |
| Yxy | 14.5372, 0.2961, 0.2744 |
| Android (android.graphics.Color) | 4285752705 (0xFF736581) |
| YUV | 108.3780, 10.1666, 5.8075 |
| Hunter-Lab | 38.1277, 6.7145, -8.6848 |

Details

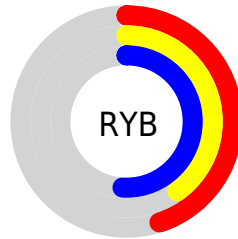
The Hex color **736581** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **738165**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A798B6**, and **433650** is the 20% darker color. If you saturate the color by 10%, you get **6D5881**, and if you desaturate by 10%, it is **797281**.

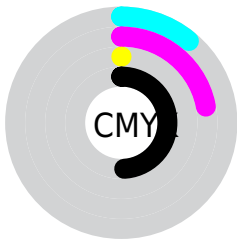
Distribution



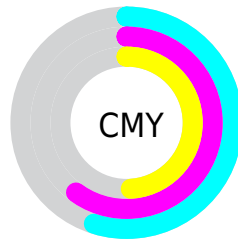
- Red (45%)
- Green (40%)
- Blue (51%)



- Red (45%)
- Yellow (40%)
- Blue (51%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (49%)



- Cyan (55%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736581 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 736581 by changing the saturation by 10% instead.

■ 736581

■ 736581

FFFFFF

■ 5A4D68

■ A798B6

■ 433650

■ C2B3D2

■ 2C2139

■ DECEEE

■ 180B23

■ FBEAFF

■ 00000C

■ 000000

■ 736581

■ 736581

■ 6D5881

■ 797281

■ 664B81

■ 807F81

603E81

868C81

593181

8D9981

532581

93A681

4C1881

9AB281

460B81

A0BF81

410081

A7CC81

ADD981

Harmonies

Analogous

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



5F6A87



736581



816175

Triad

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



736581



7E664F



42736F

Complementary

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



736581



738165

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.



4F7260



736581



706B4D

Square

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



736581



876258



606F54



40727D

Rectangle

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



736581



87606B



606F54



46736A

Sweetspot

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



736581



A29DA8



657381



514D54



D4D4D4



545454

Same Dimension

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



736581



927DA8



816581



3D3940



400080



000000

Inverse Universe

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



816573



A87D92



658165



40393D



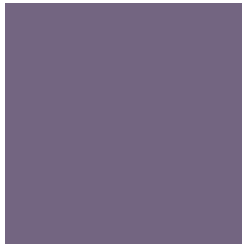
800040



000000

Previews

White Background



This preview shows how the Hex color 736581 looks on a white background.

Color Contrast Check

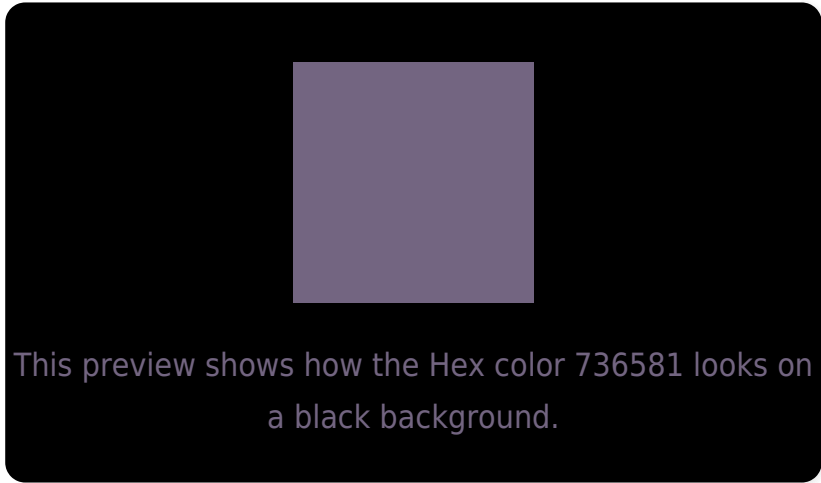
Large Text (above 18pt) WCAG AA ✓ Pass

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

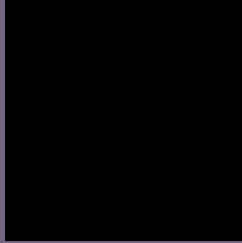
Any Text WCAG AA × Fail

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 736581 Background



This preview shows how black text looks on a background with the Hex color 736581.



This preview shows how white text looks on a background with the Hex color 736581.

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
736581

Protanopia
646984

Deuteranopia
6A6880



Tritanopia
706870

Trichromacy



Original Color
736581

Protanomaly
696883

Deuteranomaly
6D6780

Tritanomaly
716776

Monochromacy



Original Color
736581

Achromatopsia
6C6C6C

Achromatomaly
6F6974

CSS Examples

Text

The CSS property to change the color of the text to Hex 736581 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 #736581 looks like.

```
.text, #text, p{  
    color:#736581  
}
```

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 #736581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736581
}
```

Border

The CSS property to change the border of an element to Hex 736581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

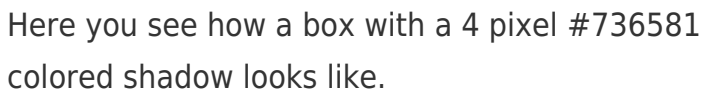
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#736581 }
```

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

```
.border{ border-color:#736581 }
```

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



Here you see how a box with a 4 pixel #736581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736581; -webkit-box-shadow:4px 4px  
4px 4px #736581; box-shadow:4px 4px 4px  
4px #736581 }
```

Background

The CSS property to change the background color of an element to Hex 736581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736581 }
```

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

```
.background{ background-color:#736581 }
```

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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