

Converting Colors

Hex(72333E)

Have a look what the booklet for
Hex(72333E) contains.

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Color

Hex(72333E)

Conversions

Conversions Part 1

Format	Color
Hex	72333E
RGB	114, 51, 62
RGB Percent	45%, 20%, 24%
CMY	0.5529, 0.8000, 0.7569
CMYK	0.00, 0.55, 0.46, 0.55
HSL	350°, 38%, 32%
HSV	350°, 55%, 45%
XYZ	8.9928, 6.2929, 5.2981
YIQ	71.0910, 34.0170, 16.7770

Conversions

Conversions Part 2

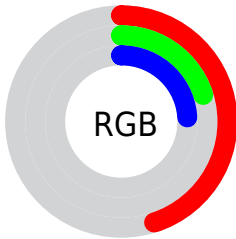
Format	Color
R_{YB}	114, 51, 62
Decimal	7484222
CIE Lab	30.14, 28.96, 6.54
CIE LCh	30, 29.686, 12.718
Yxy	6.2929, 0.4369, 0.3057
Android (android.graphics.Color)	4285674302 (0xFF72333E)
YUV	71.0910, -4.4819, 37.6312
Hunter-Lab	25.0856, 20.0895, 5.0378

Details

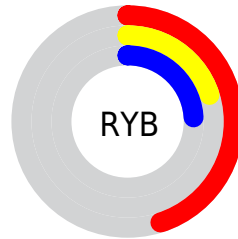
The Hex color **72333E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **337267**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A8646D**, and **3E0314** is the 20% darker color. If you saturate the color by 10%, you get **722835**, and if you desaturate by 10%, it is **723E47**.

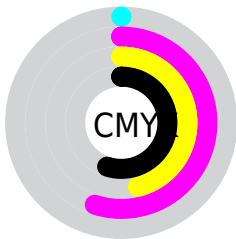
Distribution



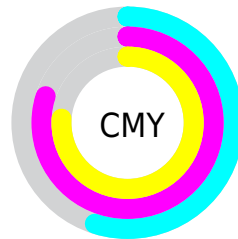
- Red (45%)
- Green (20%)
- Blue (24%)



- Red (45%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (46%)
- Black (55%)



- Cyan (55%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72333E 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 72333E by changing the saturation by 10% instead.

 72333E

 72333E

FFFFFF

 581B28

 A8646D

 3E0314

 C57D87

 2A0001

 E198A1

 000000

 FFB3BC

 FFCED7

 FFEBF4

 72333E

 72333E

 722835

 723E47

721C2B

724A51

721122

72555A

720518

726164

720014

726C6D

727776

728380

728E89

729A93

Harmonies

Analogous

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



6A3555



72333E



6D3829

Triad

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



72333E



314E24



004D73

Complementary

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



72333E



337267

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.



005166



72333E



055238

Square

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



72333E



4B4917



005350



314674

Rectangle

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



72333E



653E1E



005350



004F70

Sweetspot

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



72333E



947B7F



663372



4A3B3E



C9C9C9



4A4A4A

Same Dimension

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



72333E



943243



724733



383233



780015



F7002B

Inverse Universe

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



72333E



943243



335E72



383233



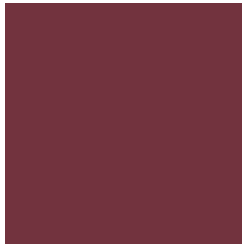
780015



F7002B

Previews

White Background



This preview shows how the Hex color 72333E looks on a white background.

Color Contrast Check

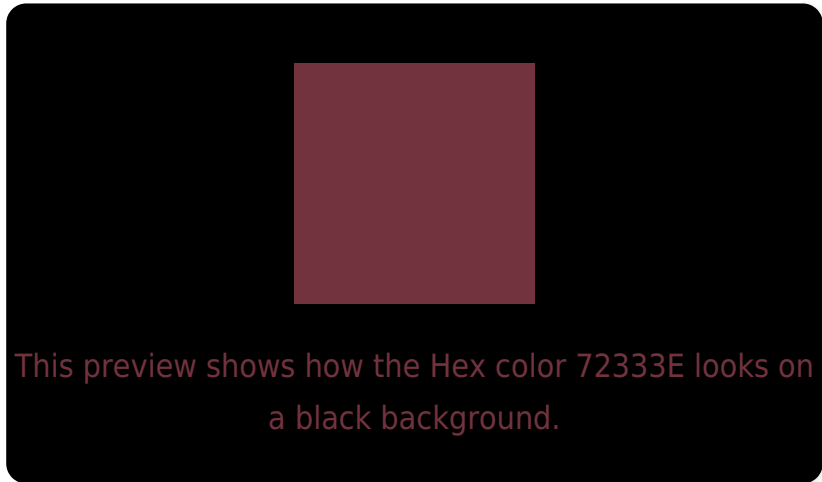
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

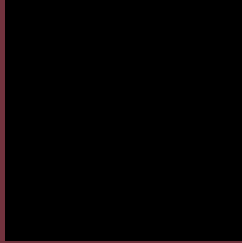
Any Text WCAG AA × Fail

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 72333E Background



This preview shows how black text looks on a background with the Hex color 72333E.



This preview shows how white text looks on a background with the Hex color 72333E.

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
72333E

Protanopia
494749

Deuteranopia
53453B



Tritanopia
723438

Trichromacy



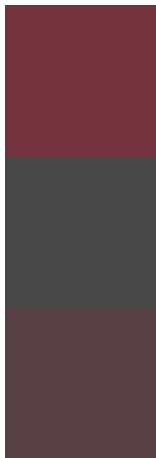
Original Color
72333E

Protanomaly
584045

Deuteranomaly
5E3E3C

Tritanomaly
72343A

Monochromacy



Original Color
72333E

Achromatopsia
474747

Achromatomaly
574044

CSS Examples

Text

The CSS property to change the color of the text to Hex 72333E 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 #72333E looks like.

```
.text, #text, p{  
    color:#72333E  
}
```

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 #72333E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72333E
}
```

Border

The CSS property to change the border of an element to Hex 72333E is called "border". The border property can be set on classes, ids or directly on the HTML element.

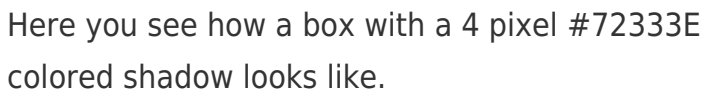
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72333E }
```

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

```
.border{ border-color:#72333E }
```

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



Here you see how a box with a 4 pixel #72333E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72333E; -webkit-box-shadow:4px 4px  
4px 4px #72333E; box-shadow:4px 4px 4px  
4px #72333E }
```

Background

The CSS property to change the background color of an element to Hex 72333E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72333E }
```

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

```
.background{ background-color:#72333E }
```

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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