

Converting Colors

Hex(72333A)

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

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Color

Hex(72333A)

Conversions

Conversions Part 1

Format	Color
Hex	72333A
RGB	114, 51, 58
RGB Percent	45%, 20%, 23%
CMY	0.5529, 0.8000, 0.7725
CMYK	0.00, 0.55, 0.49, 0.55
HSL	353°, 38%, 32%
HSV	353°, 55%, 45%
XYZ	8.8870, 6.2505, 4.7411
YIQ	70.6350, 35.3010, 15.5330

Conversions

Conversions Part 2

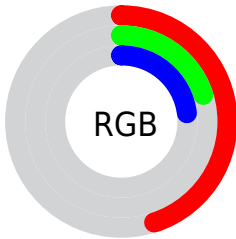
Format	Color
R_{YB}	114, 51, 58
Decimal	7484218
CIE _{Lab}	30.04, 28.51, 9.01
CIE _{LCh}	30, 29.898, 17.541
Yxy	6.2505, 0.4471, 0.3144
Android (android.graphics.Color)	4285674298 (0xFF72333A)
YUV	70.6350, -6.2291, 38.0311
Hunter-Lab	25.0011, 19.6983, 6.2573

Details

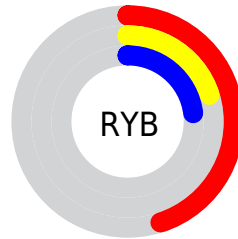
The Hex color **72333A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33726B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A96469**, and **3E0310** is the 20% darker color. If you saturate the color by 10%, you get **722830**, and if you desaturate by 10%, it is **723E44**.

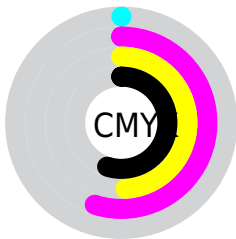
Distribution



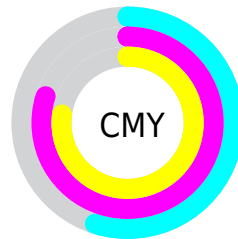
- Red (45%)
- Green (20%)
- Blue (23%)



- Red (45%)
- Yellow (20%)
- Blue (23%)



- Cyan (0%)
- Magenta (55%)
- Yellow (49%)
- Black (55%)



- Cyan (55%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

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

 72333A

 72333A

FFFFFF

 581C25

 A96469

 3E0310

 C57D82

 290001

 E2979C

 000000

 FFB2B7

 FFCED3

 FFEBEF

 72333A

 72333A

 722830

 723E44

 721C26

 724A4E

 72111C

 725558

 720511

 726163

 72000D

 726C6D

 727777

 728381

 728E8B

 729A95

Harmonies

Analogous

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



6D3451



72333A



6C3925

Triad

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



72333A



2C4F26



004C74

Complementary

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



72333A



33726B

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.



005168



72333A



00523C

Square

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



72333A



474A18



005254



374473

Rectangle

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



72333A



623F1B



005254



004E71

Sweetspot

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



72333A



947B7E



6B3372



4A3B3D



C9C9C9



4A4A4A

Same Dimension

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



72333A



94323D



724B33



383233



78000D



F7001B

Inverse Universe

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



72333A



94323D



335A72



383233



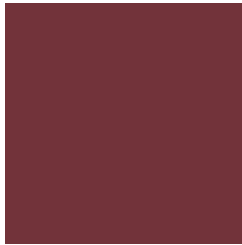
78000D



F7001B

Previews

White Background



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

Color Contrast Check

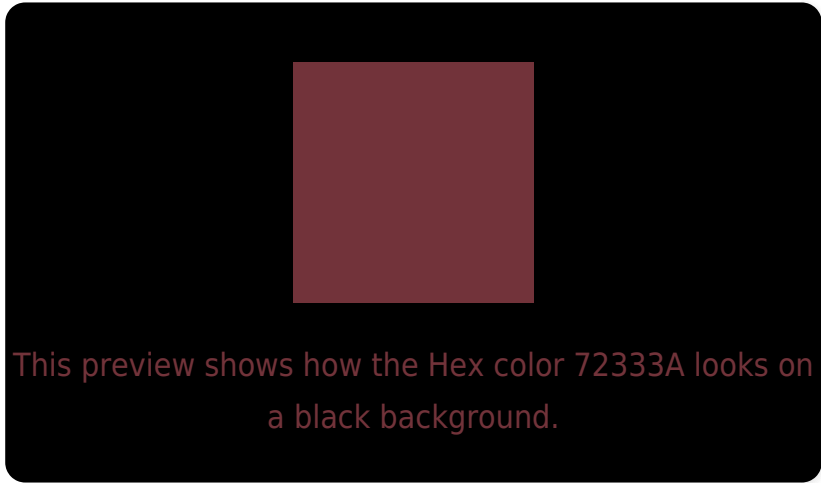
Large Text (above 18pt) WCAG AA ✓ Pass

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

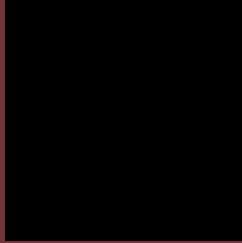
Any Text WCAG AA × Fail

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 72333A Background



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



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

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
72333A

Protanopia
4A4744

Deuteranopia
544537

Trichromacy



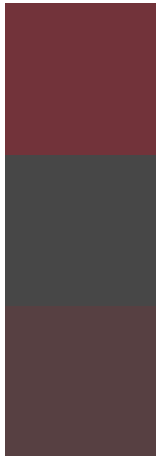
Original Color
72333A

Protanomaly
594040

Deuteranomaly
5F3E38

Tritanomaly
723438

Monochromacy



Original Color
72333A

Achromatopsia
474747

Achromatomaly
574042

CSS Examples

Text

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

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

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 #72333A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 72333A 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
#72333A }
```

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

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

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

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

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

Background

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

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

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

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

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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