

Converting Colors

Hex(232773)

Have a look what the booklet for
Hex(232773) contains.

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Color

Hex(232773)

Conversions

Conversions Part 1

Format	Color
Hex	232773
RGB	35, 39, 115
RGB Percent	14%, 15%, 45%
CMY	0.8627, 0.8471, 0.5490
CMYK	0.70, 0.66, 0.00, 0.55
HSL	237°, 53%, 29%
HSV	237°, 70%, 45%
XYZ	4.5132, 3.0462, 16.5698
YIQ	46.4680, -26.7800, 22.7880

Conversions

Conversions Part 2

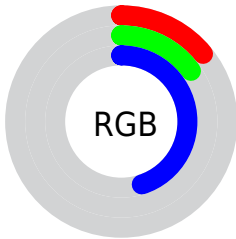
Format	Color
R_{YB}	35, 39, 115
Decimal	2303859
CIE _{Lab}	20.23, 24.90, -44.32
CIE _{LCh}	20, 50.834, 299.334
Yxy	3.0462, 0.1870, 0.1262
Android (android.graphics.Color)	4280493939 (0xFF232773)
YUV	46.4680, 33.7863, -10.0574
Hunter-Lab	17.4533, 15.6143, -44.0713

Details

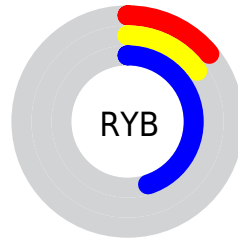
The Hex color **232773** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **736F23**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5B54A8**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **181C73**, and if you desaturate by 10%, it is **2F3273**.

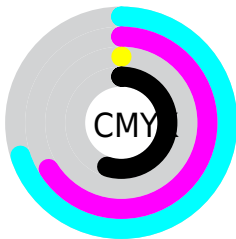
Distribution



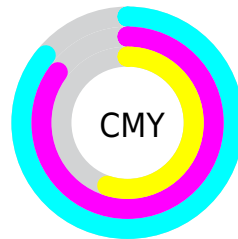
- Red (14%)
- Green (15%)
- Blue (45%)



- Red (14%)
- Yellow (15%)
- Blue (45%)



- Cyan (70%)
- Magenta (66%)
- Yellow (0%)
- Black (55%)



- Cyan (86%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232773 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 232773 by changing the saturation by 10% instead.

■ 232773

■ 232773

FFFFFF

■ 00135A

■ 5B54A8

■ 000042

■ 766CC3

■ 00032B

■ 9186E0

■ 000115

■ ADA0FC

■ 000000

■ C9BBFF

■ E6D7FF

■ FFF3FF

■ 232773

■ 232773

■ 181C73

■ 2F3273

■ 0C1173

■ 3A3D73

■ 010673

■ 464873

■ 000673

■ 515373

■ 5D5E73

■ 686973

■ 747373

■ 7F7E73

■ 8B8973

Harmonies

Analogous

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



00377D



232773



5A0758

Triad

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



232773



5A1E00



003F2F

Complementary

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



232773



736F23

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.



003D03



232773



3E2F00

Square

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



232773



6B000E



183900



004055

Rectangle

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



232773



6A0040



183900



003F22

Sweetspot

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



232773



777896



23736F



393A4D



CCCCCC



4D4D4D

Same Dimension

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



232773



1A2096



472373



35353B



00067A



000CFA

Inverse Universe

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



732327



961A20



4F7323



3B3535



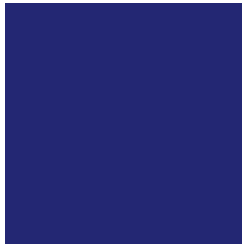
7A0006



FA000C

Previews

White Background



This preview shows how the Hex color 232773 looks on a white background.

Color Contrast Check

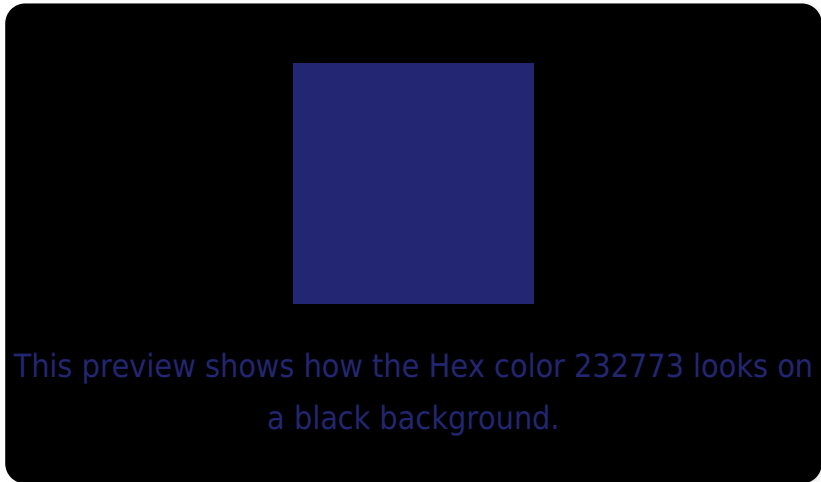
Large Text (above 18pt) WCAG AA ✓ Pass

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

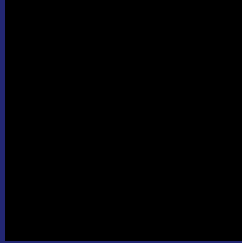
Any Text WCAG AA × Fail

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 232773 Background



This preview shows how black text looks on a background with the Hex color 232773.



This preview shows how white text looks on a background with the Hex color 232773.

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
232773

Protanopia
002F64

Deuteranopia
003256



Tritanopia
00373A

Trichromacy



Original Color

232773

Protanomaly

0D2C69

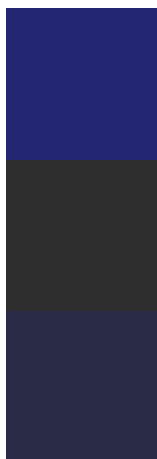
Deuteranomaly

0D2E61

Tritanomaly

0D314F

Monochromacy



Original Color

232773

Achromatopsia

2E2E2E

Achromatomaly

2A2B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 232773 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 #232773 looks like.

```
.text, #text, p{  
  color:#232773  
}
```

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 #232773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232773
}
```

Border

The CSS property to change the border of an element to Hex 232773 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
#232773 }
```

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

```
.border{ border-color:#232773 }
```

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

Here you see how a box with a 4 pixel #232773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232773; -webkit-box-shadow:4px 4px  
4px 4px #232773; box-shadow:4px 4px 4px  
4px #232773 }
```

Background

The CSS property to change the background color of an element to Hex 232773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232773 }
```

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

```
.background{ background-color:#232773 }
```

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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