

Converting Colors

Hex(232750)

Have a look what the booklet for
Hex(232750) contains.

Hex(232750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(232750)

Conversions

Conversions Part 1

Format	Color
Hex	232750
RGB	35, 39, 80
RGB Percent	14%, 15%, 31%
CMY	0.8627, 0.8471, 0.6863
CMYK	0.56, 0.51, 0.00, 0.69
HSL	235°, 39%, 23%
HSV	235°, 56%, 31%
XYZ	2.8666, 2.3875, 7.8992
YIQ	42.4780, -15.5450, 11.9030

Conversions

Conversions Part 2

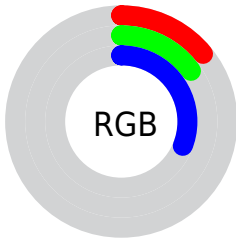
Format	Color
RYB	35, 39, 80
Decimal	2303824
CIELab	17.40, 11.66, -25.82
CIELCh	17, 28.335, 294.305
Yxy	2.3875, 0.2179, 0.1815
Android (android.graphics.Color)	4280493904 (0xFF232750)
YUV	42.4780, 18.4983, -6.5582
Hunter-Lab	15.4517, 6.0751, -19.4939

Details

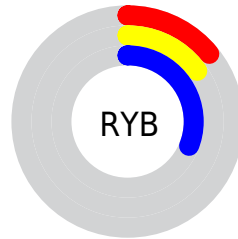
The Hex color **232750** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **504C23**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **535482**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **1B2050**, and if you desaturate by 10%, it is **2B2E50**.

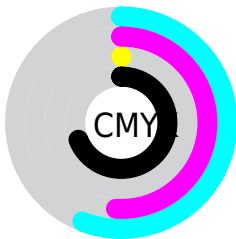
Distribution



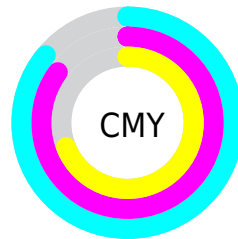
- Red (14%)
- Green (15%)
- Blue (31%)



- Red (14%)
- Yellow (15%)
- Blue (31%)



- Cyan (56%)
- Magenta (51%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232750 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 232750 by changing the saturation by 10% instead.

■ 232750

■ 232750

FFFFFF

■ 091339

■ 535482

■ 000223

■ 6D6C9C

■ 00000A

■ 8785B7

■ 000000

■ A19FD2

■ BDBAEF

■ D9D6FF

■ F5F2FF

■ 232750

■ 232750

■ 1B2050

■ 2B2E50

■ 131850

■ 333650

■ 0B1150

■ 3B3D50

■ 030A50

■ 434450

■ 000750

■ 4B4B50

■ 535350

■ 5B5A50

■ 636150

■ 6B6950

Harmonies

Analogous

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



002E53



232750



3F1E43

Triad

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



232750



472007



003426

Complementary

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



232750



504C23

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.



073212



232750



392800

Square

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



232750



4F181B



252E00



00343B

Rectangle

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



232750



4A1836



252E00



00341F

Sweetspot

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



232750



575869



23504C



2B2C36



B5B5B5



363636

Same Dimension

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



232750



212869



352350



252529



000969



0015E8

Inverse Universe

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



502327



692128



3E5023



292525



690009



E80015

Previews

White Background



This preview shows how the Hex color 232750 looks on a white background.

Color Contrast Check

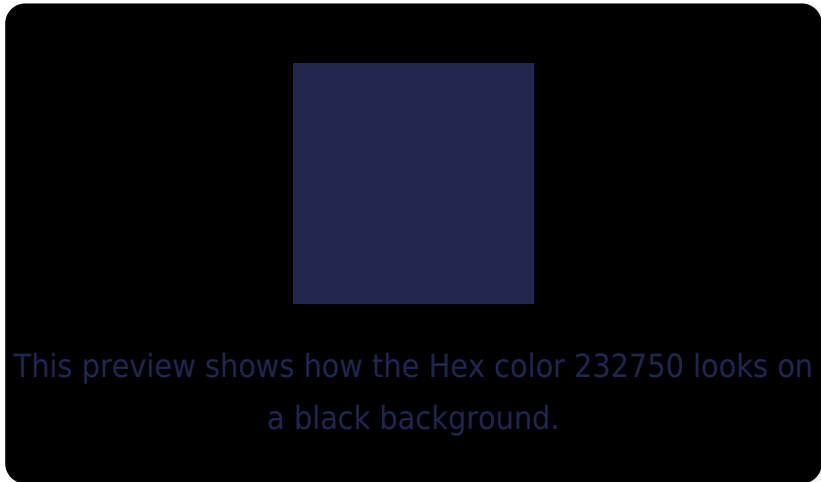
Large Text (above 18pt) WCAG AA ✓ Pass

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

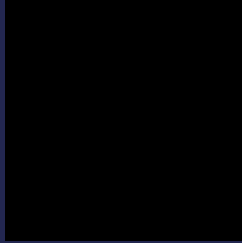
Any Text WCAG AA × Fail

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 232750 Background



This preview shows how black text looks on a background with the Hex color 232750.



This preview shows how white text looks on a background with the Hex color 232750.

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
232750

Protanopia
132A53

Deuteranopia
002C4D



Tritanopia
182E32

Trichromacy



Original Color
232750

Protanomaly
192952

Deuteranomaly
0D2A4E

Tritanomaly
1C2B3D

Monochromacy



Original Color
232750

Achromatopsia
2A2A2A

Achromatomaly
272938

CSS Examples

Text

The CSS property to change the color of the text to Hex 232750 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 #232750 looks like.

```
.text, #text, p{  
    color:#232750  
}
```

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 #232750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232750
}
```

Border

The CSS property to change the border of an element to Hex 232750 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
#232750 }
```

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

```
.border{ border-color:#232750 }
```

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

Here you see how a box with a 4 pixel #232750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232750; -webkit-box-shadow:4px 4px  
4px 4px #232750; box-shadow:4px 4px 4px  
4px #232750 }
```

Background

The CSS property to change the background color of an element to Hex 232750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232750 }
```

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

```
.background{ background-color:#232750 }
```

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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