

Converting Colors

Hex(233753)

Have a look what the booklet for
Hex(233753) contains.

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Color

Hex(233753)

Conversions

Conversions Part 1

Format	Color
Hex	233753
RGB	35, 55, 83
RGB Percent	14%, 22%, 33%
CMY	0.8627, 0.7843, 0.6745
CMYK	0.58, 0.34, 0.00, 0.67
HSL	215°, 41%, 23%
HSV	215°, 58%, 33%
XYZ	3.6207, 3.7142, 8.7097
YIQ	52.2120, -20.9080, 4.4680

Conversions

Conversions Part 2

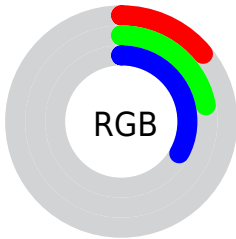
Format	Color
R_{YB}	35, 49, 83
Decimal	2307923
CIE _{Lab}	22.70, 1.41, -19.44
CIE _{LCh}	23, 19.496, 274.153
Yxy	3.7142, 0.2257, 0.2315
Android (android.graphics.Color)	4280498003 (0xFF233753)
YUV	52.2120, 15.1785, -15.0949
Hunter-Lab	19.2724, -0.1922, -13.3041

Details

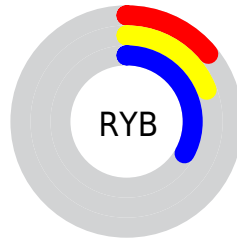
The Hex color **233753** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **533F23**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **536685**, and **000B26** is the 20% darker color. If you saturate the color by 10%, you get **1B3253**, and if you desaturate by 10%, it is **2B3C53**.

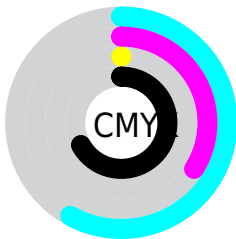
Distribution



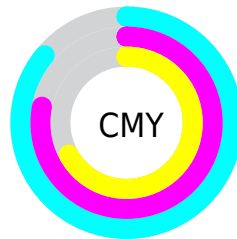
- Red (14%)
- Green (22%)
- Blue (33%)



- Red (14%)
- Yellow (19%)
- Blue (33%)



- Cyan (58%)
- Magenta (34%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233753 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 233753 by changing the saturation by 10% instead.

■ 233753

■ 233753

FFFFFF

■ 09223C

■ 536685

■ 000B26

■ 6D7F9F

■ 000110

■ 8798BA

■ 000000

■ A1B3D6

■ BDCFF2

■ D9EBFF

■ F5FFFF

■ 233753

■ 233753

■ 1B3253

■ 2B3C53

■ 122D53

■ 344153

■ 0A2853

■ 3C4653

■ 022453

■ 444A53

■ 002353

■ 4D4F53

■ 555453

■ 5D5953

■ 655E53

■ 6E6353

Harmonies

Analogous

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



003B50



233753



3A324E

Triad

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



233753



512C27



1C3D29

Complementary

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



233753



533F23

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.



2E3A1E



233753



4A311C

Square

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



233753



512A35



3D3619



013E38

Rectangle

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



233753



462E47



3D3619



223C25

Sweetspot

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



233753



59606B



23533F



2B2F36



B5B5B5



363636

Same Dimension

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



233753



21406B



272353



252629



002C69



0061E8

Inverse Universe

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



532337



6B2140



4F5323



292526



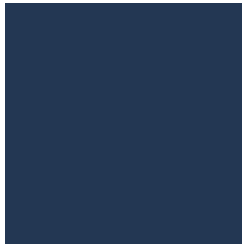
69002C



E80061

Previews

White Background



This preview shows how the Hex color 233753 looks on a white background.

Color Contrast Check

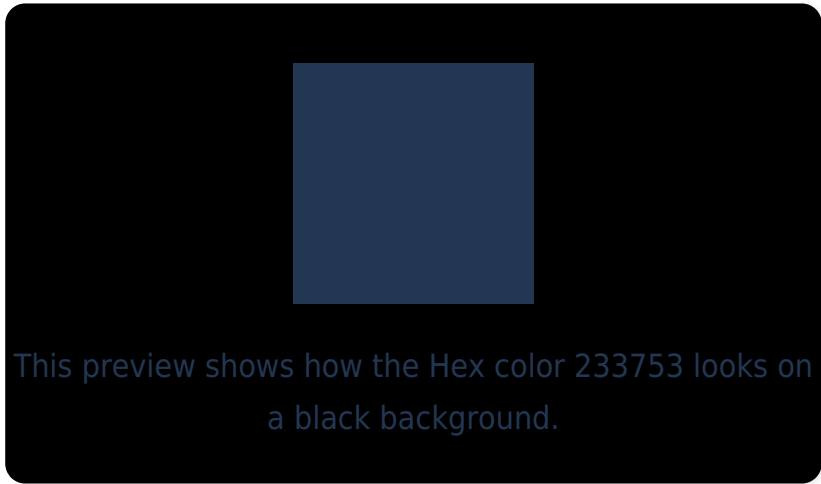
Large Text (above 18pt) WCAG AA ✓ Pass

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

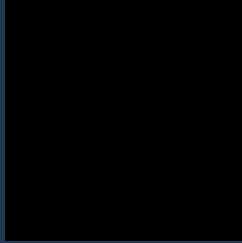
Any Text WCAG AA × Fail

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 233753 Background



This preview shows how black text looks on a background with the Hex color 233753.



This preview shows how white text looks on a background with the Hex color 233753.

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](#).

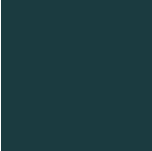
Dichromacy



Original Color
233753

Protanopia
2C3551

Deuteranopia
283653



Tritanopia
1B3B40

Trichromacy



Original Color
233753

Protanomaly
293652

Deuteranomaly
263653

Tritanomaly
1E3A47

Monochromacy



Original Color
233753

Achromatopsia
343434

Achromatomaly
2E353F

CSS Examples

Text

The CSS property to change the color of the text to Hex 233753 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 #233753 looks like.

```
.text, #text, p{  
    color:#233753  
}
```

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 #233753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233753
}
```

Border

The CSS property to change the border of an element to Hex 233753 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
#233753 }
```

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

```
.border{ border-color:#233753 }
```

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

Here you see how a box with a 4 pixel #233753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233753; -webkit-box-shadow:4px 4px  
4px 4px #233753; box-shadow:4px 4px 4px  
4px #233753 }
```

Background

The CSS property to change the background color of an element to Hex 233753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233753 }
```

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

```
.background{ background-color:#233753 }
```

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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