

Converting Colors

Hex(233550)

Have a look what the booklet for
Hex(233550) contains.

Hex(233550)	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(233550)

Conversions

Conversions Part 1

Format	Color
Hex	233550
RGB	35, 53, 80
RGB Percent	14%, 21%, 31%
CMY	0.8627, 0.7922, 0.6863
CMYK	0.56, 0.34, 0.00, 0.69
HSL	216°, 39%, 23%
HSV	216°, 56%, 31%
XYZ	3.4142, 3.4827, 8.0817
YIQ	50.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

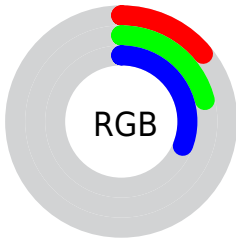
Format	Color
R_{YB}	35, 48, 80
Decimal	2307408
CIE _{Lab}	21.88, 1.69, -18.74
CIE _{LCh}	22, 18.814, 275.160
Yxy	3.4827, 0.2279, 0.2325
Android (android.graphics.Color)	4280497488 (0xFF233550)
YUV	50.6960, 14.4469, -13.7654
Hunter-Lab	18.6620, -0.0021, -12.6124

Details

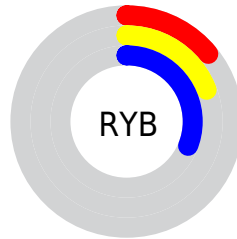
The Hex color **233550** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **503E23**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **536381**, and **000824** is the 20% darker color. If you saturate the color by 10%, you get **1B3050**, and if you desaturate by 10%, it is **2B3A50**.

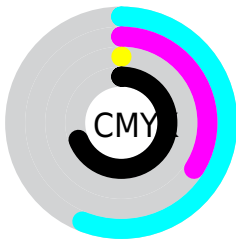
Distribution



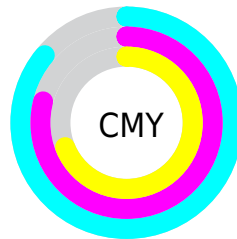
- Red (14%)
- Green (21%)
- Blue (31%)



- Red (14%)
- Yellow (19%)
- Blue (31%)



- Cyan (56%)
- Magenta (34%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233550 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 233550 by changing the saturation by 10% instead.

■ 233550

■ 233550

FFFFFF

■ 0A2039

■ 536381

■ 000824

■ 6C7C9B

■ 00000B

■ 8696B6

■ 000000

■ A1B1D2

■ BCCCEE

■ D8E8FF

■ F5FFFF

■ 233550

■ 233550

■ 1B3050

■ 2B3A50

■ 132B50

■ 333F50

■ 0B2750

■ 3B4350

■ 032250

■ 434850

■ 002050

■ 4B4D50

■ 535250

■ 5B5750

■ 635B50

■ 6B6050

Harmonies

Analogous

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



03394D



233550



39304B

Triad

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



233550



4E2B25



1A3B28

Complementary

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



233550



503E23

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.



2C381D



233550



47301B

Square

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



233550



4F2932



3B3418



023C36

Rectangle

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



233550



442D44



3B3418



213A24

Sweetspot

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



233550



575E69



23503E



2B2F36



B5B5B5



363636

Same Dimension

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



233550



213E69



272350



252629



002A69



005DE8

Inverse Universe

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



502335



69213E



4C5023



292526



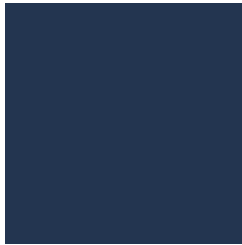
69002A



E8005D

Previews

White Background



This preview shows how the Hex color 233550 looks on a white background.

Color Contrast Check

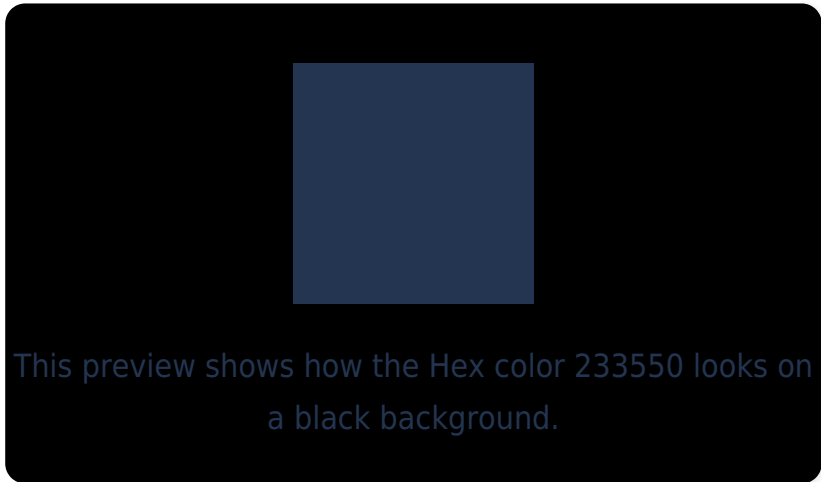
Large Text (above 18pt) WCAG AA ✓ Pass

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

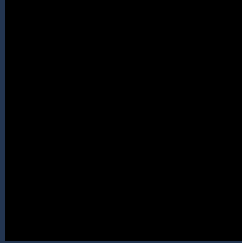
Any Text WCAG AA × Fail

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 233550 Background



This preview shows how black text looks on a background with the Hex color 233550.



This preview shows how white text looks on a background with the Hex color 233550.

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](#).

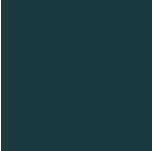
Dichromacy



Original Color
233550

Protanopia
2B334F

Deuteranopia
273450



Tritanopia
1C393D

Trichromacy



Original Color
233550

Protanomaly
28344F

Deuteranomaly
263450

Tritanomaly
1F3844

Monochromacy



Original Color
233550

Achromatopsia
333333

Achromatomaly
2D343E

CSS Examples

Text

The CSS property to change the color of the text to Hex 233550 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 #233550 looks like.

```
.text, #text, p{  
    color:#233550  
}
```

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 #233550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233550
}
```

Border

The CSS property to change the border of an element to Hex 233550 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
#233550 }
```

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

```
.border{ border-color:#233550 }
```

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

Here you see how a box with a 4 pixel #233550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233550; -webkit-box-shadow:4px 4px  
4px 4px #233550; box-shadow:4px 4px 4px  
4px #233550 }
```

Background

The CSS property to change the background color of an element to Hex 233550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233550 }
```

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

```
.background{ background-color:#233550 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor