

Converting Colors

Hex(233555)

Have a look what the booklet for
Hex(233555) contains.

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Color

Hex(233555)

Conversions

Conversions Part 1

Format	Color
Hex	233555
RGB	35, 53, 85
RGB Percent	14%, 21%, 33%
CMY	0.8627, 0.7922, 0.6667
CMYK	0.59, 0.38, 0.00, 0.67
HSL	218°, 42%, 24%
HSV	218°, 59%, 33%
XYZ	3.6059, 3.5594, 9.0913
YIQ	51.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

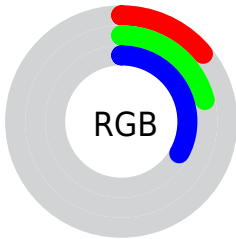
Format	Color
RYB	35, 48, 85
Decimal	2307413
CIELab	22.16, 3.53, -21.63
CIElCh	22, 21.912, 279.282
Yxy	3.5594, 0.2218, 0.2190
Android (android.graphics.Color)	4280497493 (0xFF233555)
YUV	51.2660, 16.6309, -14.2653
Hunter-Lab	18.8664, 1.1005, -15.3641

Details

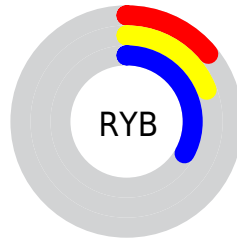
The Hex color **233555** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **554323**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **546387**, and **000828** is the 20% darker color. If you saturate the color by 10%, you get **1B3055**, and if you desaturate by 10%, it is **2C3A55**.

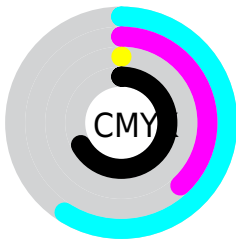
Distribution



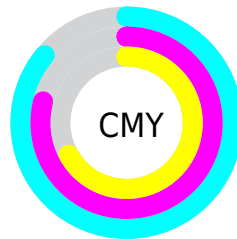
- Red (14%)
- Green (21%)
- Blue (33%)



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



- Cyan (59%)
- Magenta (38%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233555 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 233555 by changing the saturation by 10% instead.

■ 233555

■ 233555

FFFFFF

■ 08203E

■ 546387

■ 000828

■ 6D7CA1

■ 000112

■ 8796BC

■ 000000

■ A2B1D8

■ BDCCF5

■ D9E8FF

■ F6FFFF

■ 233555

■ 233555

■ 1B3055

■ 2C3A55

■ 122A55

■ 344055

■ 0A2555

■ 3D4555

■ 011F55

■ 454B55

■ 001F55

■ 4E5055

■ 565655

■ 5E5B55

■ 676155

■ 706655

Harmonies

Analogous

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



003A53



233555



3D2F4E

Triad

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



233555



512A21



113C29

Complementary

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



233555



554323

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.



283A1B



233555



483016

Square

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



233555



542731



3A3614



003D3A

Rectangle

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



233555



492B46



3A3614



1A3C24

Sweetspot

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



233555



5A616E



235543



2C3038



B8B8B8



383838

Same Dimension

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



233555



203C6E



2A2355



27292B



00276B



0054EB

Inverse Universe

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



552335



6E203C



4E5523



2B2729



6B0027



EB0054

Previews

White Background



This preview shows how the Hex color 233555 looks on a white background.

Color Contrast Check

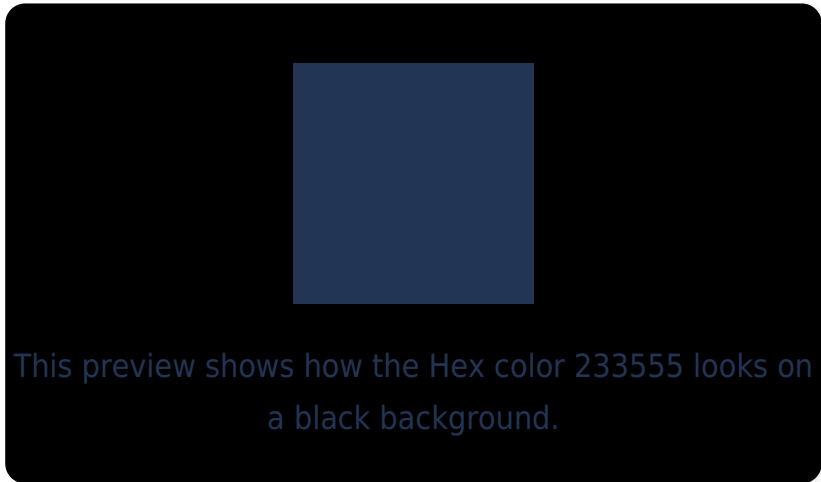
Large Text (above 18pt) WCAG AA ✓ Pass

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 233555 Background



This preview shows how black text looks on a background with the Hex color 233555.



This preview shows how white text looks on a background with the Hex color 233555.

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
233555

Protanopia
293454

Deuteranopia
223555



Tritanopia
193A3E

Trichromacy



Original Color
233555

Protanomaly
273454

Deuteranomaly
223555

Tritanomaly
1D3846

Monochromacy



Original Color
233555

Achromatopsia
333333

Achromatomaly
2D343F

CSS Examples

Text

The CSS property to change the color of the text to Hex 233555 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 #233555 looks like.

```
.text, #text, p{  
    color:#233555  
}
```

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 #233555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233555  
}
```

Border

The CSS property to change the border of an element to Hex 233555 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  
#233555 }
```

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

```
.border{ border-color:#233555 }
```

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

Here you see how a box with a 4 pixel #233555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233555; -webkit-box-shadow:4px 4px  
4px 4px #233555; box-shadow:4px 4px 4px  
4px #233555 }
```

Background

The CSS property to change the background color of an element to Hex 233555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233555 }
```

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

```
.background{ background-color:#233555 }
```

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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