

Converting Colors

Hex(233735)

Have a look what the booklet for
Hex(233735) contains.

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Color

Hex(233735)

Conversions

Conversions Part 1

Format	Color
Hex	233735
RGB	35, 55, 53
RGB Percent	14%, 22%, 21%
CMY	0.8627, 0.7843, 0.7922
CMYK	0.36, 0.00, 0.04, 0.78
HSL	174°, 22%, 18%
HSV	174°, 36%, 22%
XYZ	2.7019, 3.3467, 3.8717
YIQ	48.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

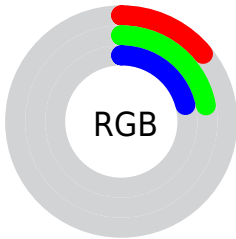
Format	Color
RYB	35, 46, 55
Decimal	2307893
CIELab	21.38, -8.53, -1.32
CIElCh	21, 8.633, 188.764
Yxy	3.3467, 0.2724, 0.3374
Android (android.graphics.Color)	4280497973 (0xFF233735)
YUV	48.7920, 2.0745, -12.0956
Hunter-Lab	18.2941, -5.6513, 0.2578

Details

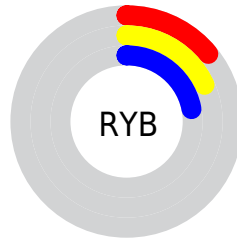
The Hex color **233735** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **372325**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **506663**, and **000A08** is the 20% darker color. If you saturate the color by 10%, you get **1E3734**, and if you desaturate by 10%, it is **293736**.

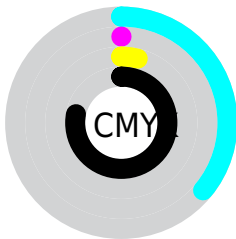
Distribution



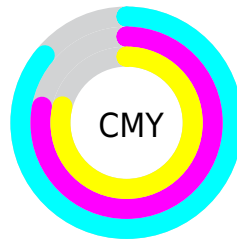
- Red (14%)
- Green (22%)
- Blue (21%)



- Red (14%)
- Yellow (18%)
- Blue (22%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (78%)



- Cyan (86%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233735 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 233735 by changing the saturation by 10% instead.

■ 233735

■ 233735

FFFFFF

■ 0E2220

■ 506663

■ 000A08

■ 697F7C

■ 000000

■ 829996

■ 9CB4B1

■ B7CFCC

■ D3EBE8

■ EFFFFFF

■ 233735

■ 233735

■ 1E3734

■ 293736

■ 183734

■ 2E3736

■ 133733

■ 343737

■ 0D3733

■ 393737

■ 083732

■ 3F3738

■ 023732

■ 443738

■ 003732

■ 4A3739

■ 4F3739

■ 55373A

Harmonies

Analogous

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



28372F



233735



22373B

Triad

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



233735



37313D



3C3128

Complementary

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



233735



372325

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.



40302C



233735



3D2F38

Square

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



233735



2E3340



402F32



363327

Rectangle

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



233735



25363E



402F32



3E3129

Sweetspot

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



233735



404747



253723



1F2423



A3A3A3



242424

Same Dimension

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



233735



284744



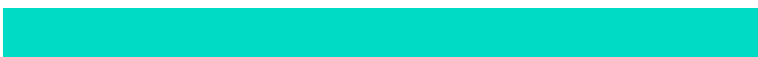
232F37



191C1C



005C53



00DBC5

Inverse Universe

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



372325



47282B



372B23



1C191A



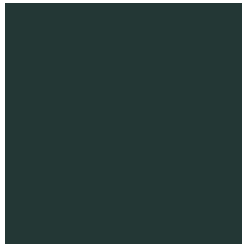
5C0009



DB0016

Previews

White Background



This preview shows how the Hex color 233735 looks on a white background.

Color Contrast Check

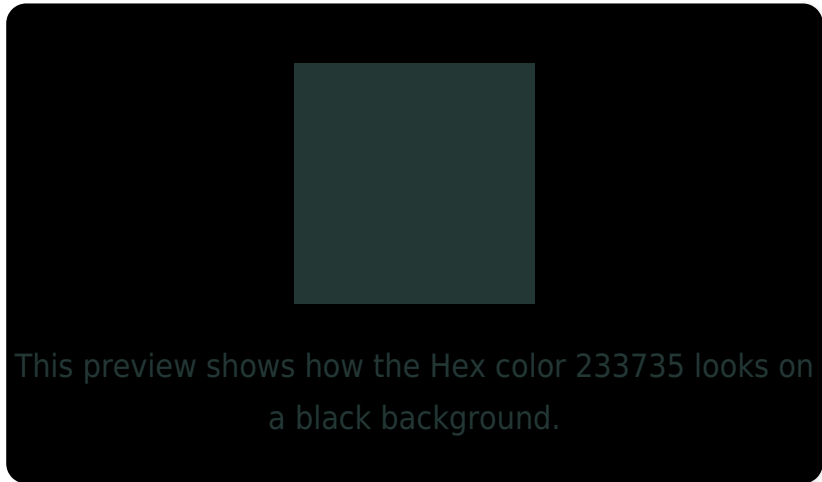
Large Text (above 18pt) WCAG AA ✓ Pass

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

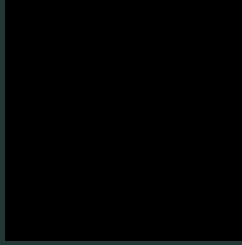
Any Text WCAG AA × Fail

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 233735 Background



This preview shows how black text looks on a background with the Hex color 233735.



This preview shows how white text looks on a background with the Hex color 233735.

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](#).

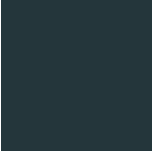
Dichromacy



Original Color
233735

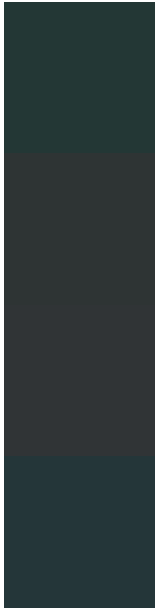
Protanopia
343333

Deuteranopia
373236



Tritanopia
24363B

Trichromacy



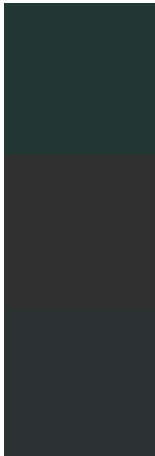
Original Color
233735

Protanomaly
2E3434

Deuteranomaly
303436

Tritanomaly
243639

Monochromacy



Original Color
233735

Achromatopsia
313131

Achromatomaly
2C3332

CSS Examples

Text

The CSS property to change the color of the text to Hex 233735 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 #233735 looks like.

```
.text, #text, p{  
    color:#233735  
}
```

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 #233735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233735
}
```

Border

The CSS property to change the border of an element to Hex 233735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

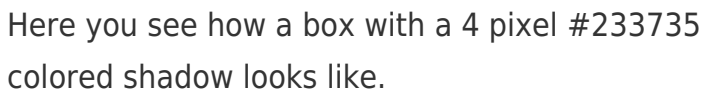
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#233735 }
```

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

```
.border{ border-color:#233735 }
```

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



Here you see how a box with a 4 pixel #233735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233735; -webkit-box-shadow:4px 4px  
4px 4px #233735; box-shadow:4px 4px 4px  
4px #233735 }
```

Background

The CSS property to change the background color of an element to Hex 233735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233735 }
```

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

```
.background{ background-color:#233735 }
```

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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