

Converting Colors

Hex(234441)

Have a look what the booklet for
Hex(234441) contains.

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Color

Hex(234441)

Conversions

Conversions Part 1

Format	Color
Hex	234441
RGB	35, 68, 65
RGB Percent	14%, 27%, 25%
CMY	0.8627, 0.7333, 0.7451
CMYK	0.49, 0.00, 0.04, 0.73
HSL	175°, 32%, 20%
HSV	175°, 49%, 27%
XYZ	3.7144, 4.8732, 5.7459
YIQ	57.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

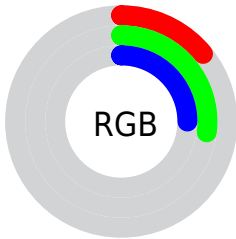
Format	Color
R_YB	35, 52, 68
Decimal	2311233
CIE Lab	26.37, -12.96, -1.96
CIE LCh	26, 13.104, 188.624
Yxy	4.8732, 0.2591, 0.3400
Android (android.graphics.Color)	4280501313 (0xFF234441)
YUV	57.7910, 3.5540, -19.9877
Hunter-Lab	22.0754, -8.5976, 0.0205

Details

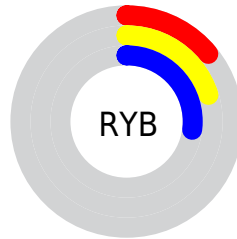
The Hex color **234441** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442326**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **527471**, and **001A17** is the 20% darker color. If you saturate the color by 10%, you get **1C4440**, and if you desaturate by 10%, it is **2A4442**.

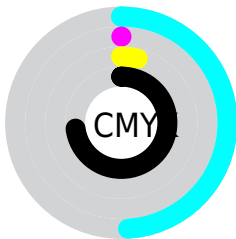
Distribution



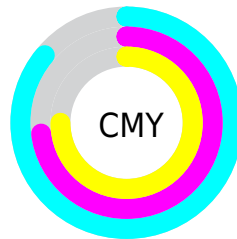
- Red (14%)
- Green (27%)
- Blue (25%)



- Red (14%)
- Yellow (20%)
- Blue (27%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (73%)



- Cyan (86%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234441 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 234441 by changing the saturation by 10% instead.



234441



234441

FFFFFF



0B2E2B



527471



001A17



6B8E8A



000000



85A8A4



9FC4C0



BAE0DB



D6FCF8



F3FFFF



234441



234441

■ 1C4440

■ 2A4442

■ 154440

■ 314442

■ 0F443F

■ 374443

■ 08443F

■ 3E4443

■ 01443E

■ 454444

■ 00443E

■ 4C4445

■ 534445

■ 594446

■ 604447

Harmonies

Analogous

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



2C4337



234441



21434A

Triad

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



234441



443B4E



4C3B2C

Complementary

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



234441



442326

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.



523832



234441



4E3846

Square

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



234441



363E52



52373C



433F2B

Rectangle

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



234441



25424F



52373C



4E3A2E

Sweetspot

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



234441



4C5958



264423



262E2D



ADADAD



2E2E2E

Same Dimension

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



234441



255955



233744



1E2121



006158



00E0CC

Inverse Universe

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



442326



59252A



443023



211E1E



610009



E00014

Previews

White Background



This preview shows how the Hex color 234441 looks on a white background.

Color Contrast Check

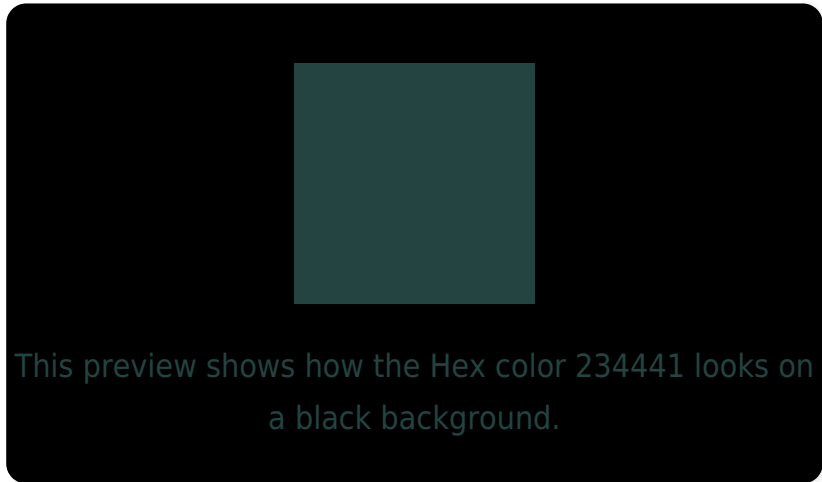
Large Text (above 18pt) WCAG AA ✓ Pass

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

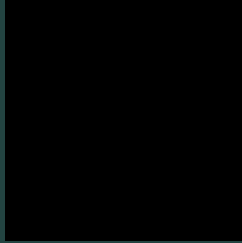
Any Text WCAG AA × Fail

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 234441 Background



This preview shows how black text looks on a background with the Hex color 234441.



This preview shows how white text looks on a background with the Hex color 234441.

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](#).

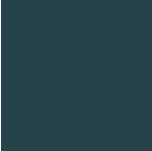
Dichromacy



Original Color
234441

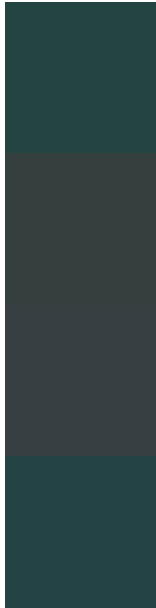
Protanopia
3F3E3D

Deuteranopia
423C43



Tritanopia
254348

Trichromacy



Original Color
234441

Protanomaly
35403E

Deuteranomaly
373F42

Tritanomaly
244345

Monochromacy



Original Color
234441

Achromatopsia
3A3A3A

Achromatomaly
323E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 234441 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 #234441 looks like.

```
.text, #text, p{  
    color:#234441  
}
```

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 #234441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234441
}
```

Border

The CSS property to change the border of an element to Hex 234441 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
#234441 }
```

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

```
.border{ border-color:#234441 }
```

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

Here you see how a box with a 4 pixel #234441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234441; -webkit-box-shadow:4px 4px  
4px 4px #234441; box-shadow:4px 4px 4px  
4px #234441 }
```

Background

The CSS property to change the background color of an element to Hex 234441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234441 }
```

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

```
.background{ background-color:#234441 }
```

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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