

Converting Colors

Hex(234440)

Have a look what the booklet for
Hex(234440) contains.

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Color

Hex(234440)

Conversions

Conversions Part 1

Format	Color
Hex	234440
RGB	35, 68, 64
RGB Percent	14%, 27%, 25%
CMY	0.8627, 0.7333, 0.7490
CMYK	0.49, 0.00, 0.06, 0.73
HSL	173°, 32%, 20%
HSV	173°, 49%, 27%
XYZ	3.6857, 4.8617, 5.5946
YIQ	57.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

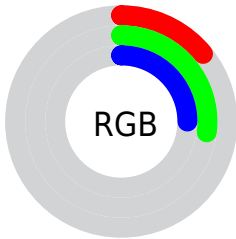
Format	Color
R_{YB}	35, 53, 68
Decimal	2311232
CIE _{Lab}	26.34, -13.25, -1.36
CIE _{LCh}	26, 13.320, 185.853
Yxy	4.8617, 0.2606, 0.3438
Android (android.graphics.Color)	4280501312 (0xFF234440)
YUV	57.6770, 3.1172, -19.8877
Hunter-Lab	22.0493, -8.7491, 0.3907

Details

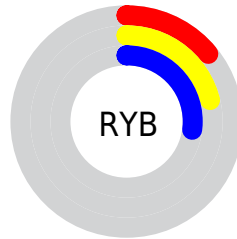
The Hex color **234440** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442327**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **527470**, and **001A16** is the 20% darker color. If you saturate the color by 10%, you get **1C443F**, and if you desaturate by 10%, it is **2A4441**.

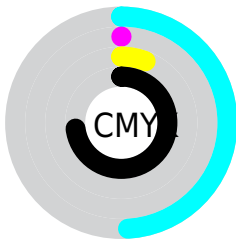
Distribution



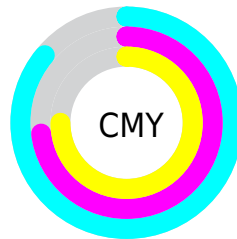
- Red (14%)
- Green (27%)
- Blue (25%)



- Red (14%)
- Yellow (21%)
- Blue (27%)



- Cyan (49%)
- Magenta (0%)
- Yellow (6%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 234440 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 234440 by changing the saturation by 10% instead.

■ 234440

■ 234440

FFFFFF

■ 0B2E2A

■ 527470

■ 001A16

■ 6B8E89

■ 000000

■ 85A8A3

■ 9FC4BE

■ BAE0DA

■ D6FCF7

■ F3FFFF

■ 234440

■ 234440

■ 1C443F

■ 2A4441

■ 15443E

■ 314442

■ 0F443E

■ 374442

■ 08443D

■ 3E4443

■ 01443C

■ 454444

■ 00443C

■ 4C4445

■ 534446

■ 594447

■ 604447

Harmonies

Analogous

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



2D4336



234440



20434A

Triad

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



234440



423B4F



4D3B2C

Complementary

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



234440



442327

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.



523833



234440



4D3847

Square

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



234440



343F52



52373D



443E2A

Rectangle

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



234440



23424F



52373D



4F3A2E

Sweetspot

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



234440



4C5958



274423



262E2D



ADADAD



2E2E2E

Same Dimension

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



234440



255953



233844



1E2121



006155



00E0C5

Inverse Universe

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



442327



59252C



442F23



211E1E



61000C



E0001B

Previews

White Background



This preview shows how the Hex color 234440 looks on a white background.

Color Contrast Check

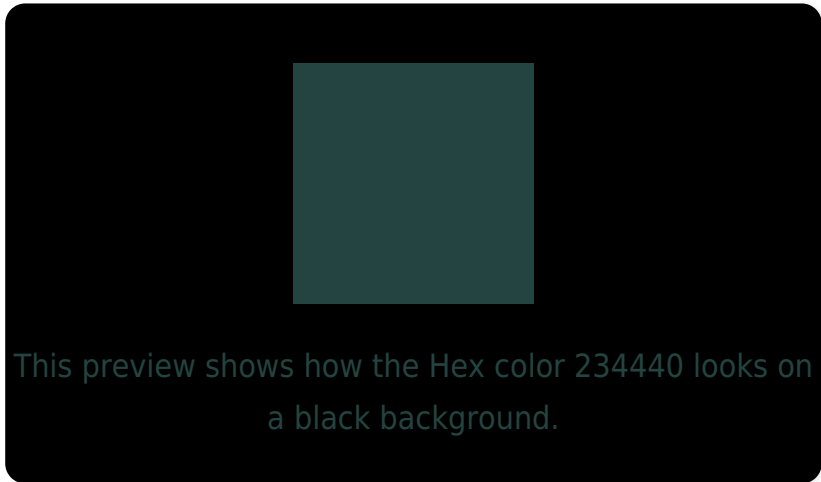
Large Text (above 18pt) WCAG AA ✓ Pass

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

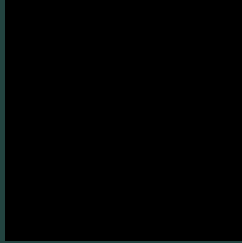
Any Text WCAG AA × Fail

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 234440 Background



This preview shows how black text looks on a background with the Hex color 234440.



This preview shows how white text looks on a background with the Hex color 234440.

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](#).

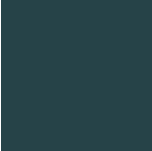
Dichromacy



Original Color
234440

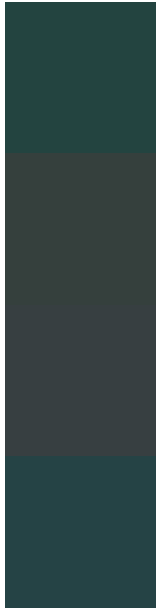
Protanopia
403E3C

Deuteranopia
433C42



Tritanopia
264348

Trichromacy



Original Color
234440

Protanomaly
35403D

Deuteranomaly
373F41

Tritanomaly
254345

Monochromacy



Original Color
234440

Achromatopsia
3A3A3A

Achromatomaly
323E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 234440 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 #234440 looks like.

```
.text, #text, p{  
    color:#234440  
}
```

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 #234440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234440
}
```

Border

The CSS property to change the border of an element to Hex 234440 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".

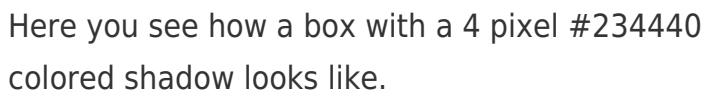
```
.border, #border, table{ border:4px solid
#234440 }
```

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

```
.border{ border-color:#234440 }
```

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

Here you see how a box with a 4 pixel #234440 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234440; -webkit-box-shadow:4px 4px  
4px 4px #234440; box-shadow:4px 4px 4px  
4px #234440 }
```

Background

The CSS property to change the background color of an element to Hex 234440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234440 }
```

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

```
.background{ background-color:#234440 }
```

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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