

Converting Colors

Hex(234331)

Have a look what the booklet for
Hex(234331) contains.

Hex(234331)	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(234331)

Conversions

Conversions Part 1

Format	Color
Hex	234331
RGB	35, 67, 49
RGB Percent	14%, 26%, 19%
CMY	0.8627, 0.7373, 0.8078
CMYK	0.48, 0.00, 0.27, 0.74
HSL	146°, 31%, 20%
HSV	146°, 48%, 26%
XYZ	3.2547, 4.5934, 3.6208
YIQ	55.3800, -13.2940, -12.3820

Conversions

Conversions Part 2

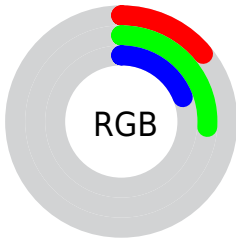
Format	Color
R_{YB}	35, 57, 67
Decimal	2310961
CIE Lab	25.54, -16.70, 7.31
CIE LCh	26, 18.232, 156.357
Yxy	4.5934, 0.2838, 0.4005
Android (android.graphics.Color)	4280501041 (0xFF234331)
YUV	55.3800, -3.1453, -17.8733
Hunter-Lab	21.4322, -10.3995, 4.9859

Details

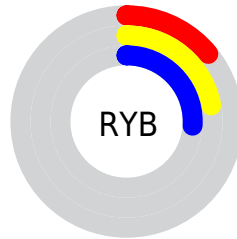
The Hex color **234331** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **432335**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **52735F**, and **001902** is the 20% darker color. If you saturate the color by 10%, you get **1C432D**, and if you desaturate by 10%, it is **2A4335**.

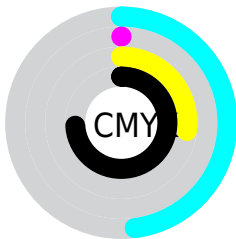
Distribution



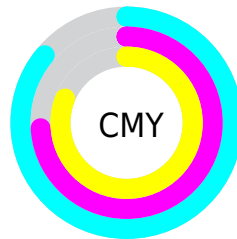
- Red (14%)
- Green (26%)
- Blue (19%)



- Red (14%)
- Yellow (22%)
- Blue (26%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (74%)



- Cyan (86%)
- Magenta (74%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234331 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 234331 by changing the saturation by 10% instead.

 234331

 234331

FFFFFF

 0C2D1C

 52735F

 001902

 6A8D78

 000000

 84A792

 9EC3AC

 B9DFC7

 D5FBE3

 F2FFFF

 234331

 234331

■ 1C432D

■ 2A4335

■ 164329

■ 304339

■ 0F4326

■ 37433C

■ 084322

■ 3E4340

■ 02431E

■ 454344

■ 00431D

■ 4B4348

■ 52434B

■ 59434F

■ 5F4353

Harmonies

Analogous

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



344126



234331



10443F

Triad

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



234331



2D3D58



56342D

Complementary

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



234331



432335

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.



57323A



234331



423853

Square

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



234331



154155



503348



4F3823

Rectangle

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



234331



044448



503348



573331

Sweetspot

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



234331



4B5750



354323



242B27



ABABAB



2B2B2B

Same Dimension

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



234331



25573B



234341



1E211F



00612A



00E062

Inverse Universe

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



432335



572541



432325



211E20



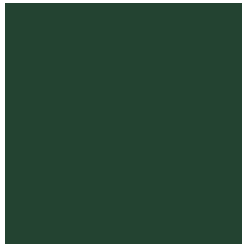
610037



E0007E

Previews

White Background



This preview shows how the Hex color 234331 looks on a white background.

Color Contrast Check

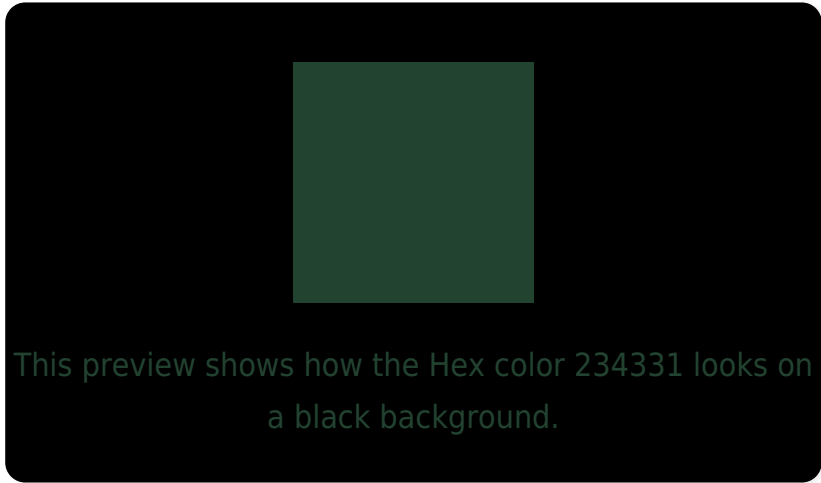
Large Text (above 18pt) WCAG AA ✓ Pass

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

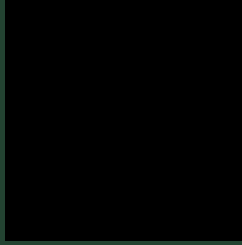
Any Text WCAG AA × Fail

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 234331 Background



This preview shows how black text looks on a background with the Hex color 234331.



This preview shows how white text looks on a background with the Hex color 234331.

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](#).

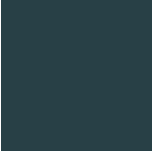
Dichromacy



Original Color
234331

Protanopia
413C2E

Deuteranopia
463A33



Tritanopia
284046

Trichromacy



Original Color
234331

Protanomaly
363F2F

Deuteranomaly
393D32

Tritanomaly
26413E

Monochromacy



Original Color
234331

Achromatopsia
373737

Achromatomaly
303B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 234331 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 #234331 looks like.

```
.text, #text, p{  
    color:#234331  
}
```

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 #234331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234331
}
```

Border

The CSS property to change the border of an element to Hex 234331 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".

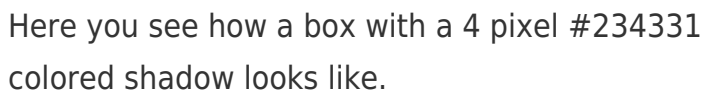
```
.border, #border, table{ border:4px solid
#234331 }
```

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

```
.border{ border-color:#234331 }
```

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

Here you see how a box with a 4 pixel #234331 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234331; -webkit-box-shadow:4px 4px  
4px 4px #234331; box-shadow:4px 4px 4px  
4px #234331 }
```

Background

The CSS property to change the background color of an element to Hex 234331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234331 }
```

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

```
.background{ background-color:#234331 }
```

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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