

Converting Colors

Hex(233324)

Have a look what the booklet for
Hex(233324) contains.

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Color

Hex(233324)

Conversions

Conversions Part 1

Format	Color
Hex	233324
RGB	35, 51, 36
RGB Percent	14%, 20%, 14%
CMY	0.8627, 0.8000, 0.8588
CMYK	0.31, 0.00, 0.29, 0.80
HSL	124°, 19%, 17%
HSV	124°, 31%, 20%
XYZ	2.1954, 2.8524, 2.1039
YIQ	44.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

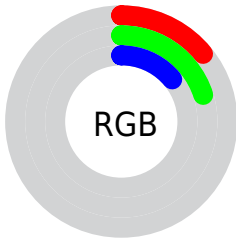
Format	Color
R_{YB}	35, 50, 51
Decimal	2306852
CIE Lab	19.44, -10.37, 7.44
CIE LCh	19, 12.766, 144.357
Yxy	2.8524, 0.3070, 0.3988
Android (android.graphics.Color)	4280496932 (0xFF233324)
YUV	44.5060, -4.1935, -8.3368
Hunter-Lab	16.8889, -6.3523, 4.4363

Details

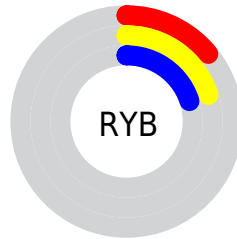
The Hex color **233324** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332332**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **506151**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E331F**, and if you desaturate by 10%, it is **283329**.

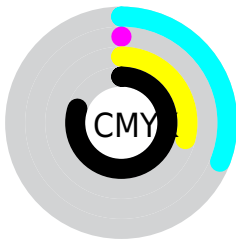
Distribution



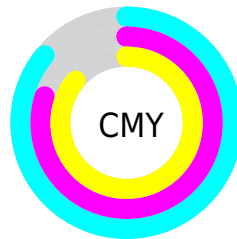
- Red (14%)
- Green (20%)
- Blue (14%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (29%)
- Black (80%)



- Cyan (86%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233324 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 233324 by changing the saturation by 10% instead.

■ 233324

■ 233324

FFFFFF

■ 0F1E0F

■ 506151

■ 000000

■ 687A69

■ 819482

■ 9BAF9C

■ B6CAB7

■ D2E6D2

■ EEFFEF

■ 233324

■ 233324

■ 1E331F

■ 283329

■ 19331A

■ 2D332E

■ 143316

■ 323332

■ 0F3311

■ 373337

■ 0A330C

■ 3D333C

■ 043307

■ 423341

■ 003303

■ 473345

■ 4C334A

■ 51334F

Harmonies

Analogous

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



2E311E



233324



18342D

Triad

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



233324



203141



422928

Complementary

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



233324



332332

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.



402831



233324



2E2D40

Square

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



233324



14333E



392A3A



3E2B20

Rectangle

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



233324



133433



392A3A



42282B

Sweetspot

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



233324



3C423D



323323



1E211E



A1A1A1



212121

Same Dimension

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



233324



29422B



23332C



171A17



005906



00D90E

Inverse Universe

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



332332



422941



33232A



1A1719



590054



D900CB

Previews

White Background



This preview shows how the Hex color 233324 looks on a white background.

Color Contrast Check

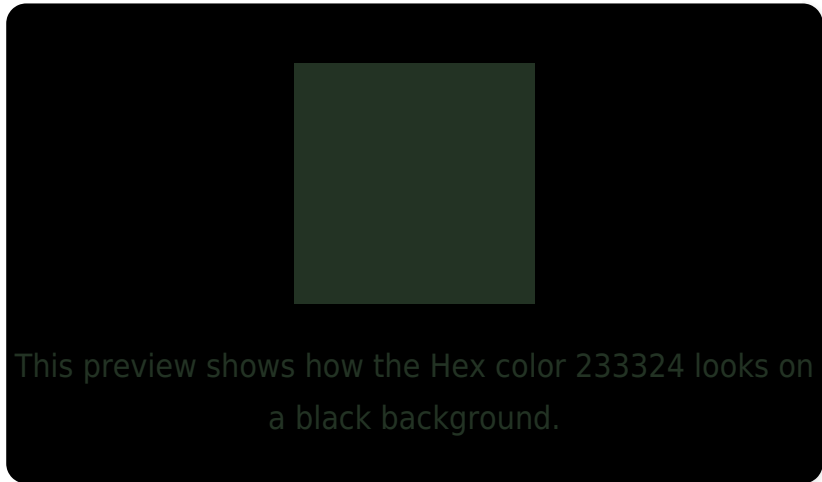
Large Text (above 18pt) WCAG AA ✓ Pass

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

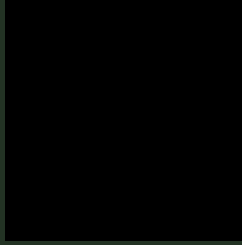
Any Text WCAG AA × Fail

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 233324 Background



This preview shows how black text looks on a background with the Hex color 233324.

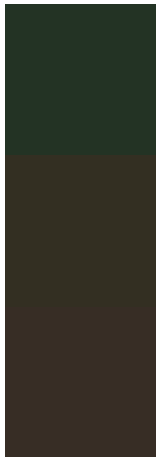


This preview shows how white text looks on a background with the Hex color 233324.

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
233324

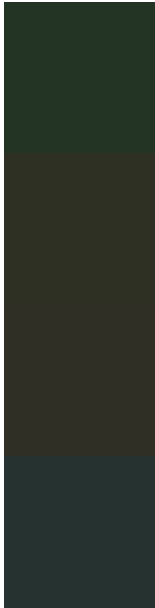
Protanopia
332F22

Deuteranopia
372D25



Tritanopia
263135

Trichromacy



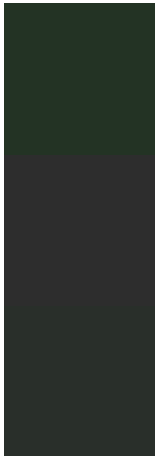
Original Color
233324

Protanomaly
2D3023

Deuteranomaly
302F25

Tritanomaly
25322F

Monochromacy



Original Color
233324

Achromatopsia
2D2D2D

Achromatomaly
292F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 233324 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 #233324 looks like.

```
.text, #text, p{  
    color:#233324  
}
```

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 #233324 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233324
}
```

Border

The CSS property to change the border of an element to Hex 233324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

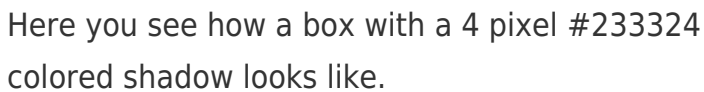
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#233324 }
```

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

```
.border{ border-color:#233324 }
```

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



Here you see how a box with a 4 pixel #233324 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233324; -webkit-box-shadow:4px 4px  
4px 4px #233324; box-shadow:4px 4px 4px  
4px #233324 }
```

Background

The CSS property to change the background color of an element to Hex 233324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233324 }
```

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

```
.background{ background-color:#233324 }
```

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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