

Converting Colors

Hex(213334)

Have a look what the booklet for
Hex(213334) contains.

Hex(213334)	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(213334)

Conversions

Conversions Part 1

Format	Color
Hex	213334
RGB	33, 51, 52
RGB Percent	13%, 20%, 20%
CMY	0.8706, 0.8000, 0.7961
CMYK	0.37, 0.02, 0.00, 0.80
HSL	183°, 22%, 17%
HSV	183°, 37%, 20%
XYZ	2.4309, 2.9389, 3.6880
YIQ	45.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

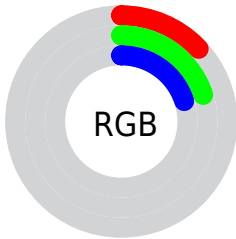
Format	Color
R_{YB}	33, 42, 52
Decimal	2175796
CIE _{Lab}	19.80, -6.99, -2.99
CIE _{LCh}	20, 7.599, 203.171
Yxy	2.9389, 0.2684, 0.3245
Android (android.graphics.Color)	4280365876 (0xFF213334)
YUV	45.7320, 3.0901, -11.1660
Hunter-Lab	17.1433, -4.6900, -0.7545

Details

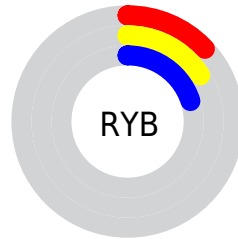
The Hex color **213334** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342221**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4E6162**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **1C3334**, and if you desaturate by 10%, it is **263334**.

Distribution



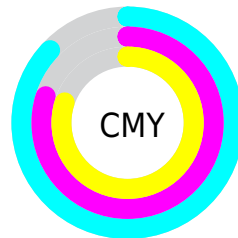
- Red (13%)
- Green (20%)
- Blue (20%)



- Red (13%)
- Yellow (16%)
- Blue (20%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213334 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 213334 by changing the saturation by 10% instead.

■ 213334

■ 213334

FFFFFF

■ 0C1E1F

■ 4E6162

■ 000006

■ 667A7B

■ 000000

■ 809495

■ 9AAFB0

■ B5CACB

■ D0E6E7

■ EDFFFF

■ 213334

■ 213334

■ 1C3334

■ 263334

■ 173234

■ 2B3434

■ 113234

■ 313434

■ 0C3234

■ 363434

■ 073234

■ 3B3434

■ 023134

■ 403534

■ 003134

■ 453534

■ 4B3534

■ 503534

Harmonies

Analogous

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



24332E



213334



233239

Triad

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



213334



362D37



352F25

Complementary

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



213334



342221

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.



3A2D27



213334



3A2C31

Square

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



213334



2F2F3A



3C2C2C



303126

Rectangle

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



213334



26313A



3C2C2C



372E25

Sweetspot

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



213334



3D4445



213422



1F2324



A3A3A3



242424

Same Dimension

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



213334



274345



212A34



17191A



005559



00CDD9

Inverse Universe

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



342133



452743



342B21



1A1719



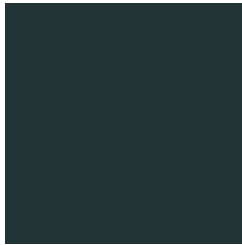
590055



D900CD

Previews

White Background



This preview shows how the Hex color 213334 looks on a white background.

Color Contrast Check

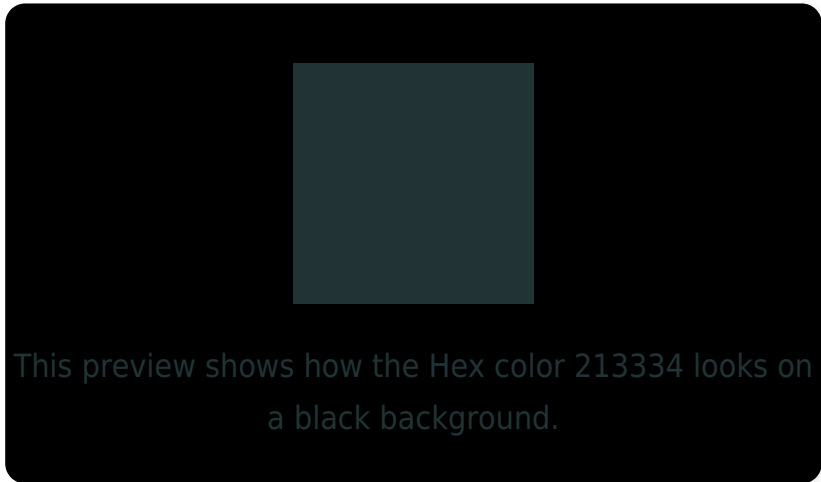
Large Text (above 18pt) WCAG AA ✓ Pass

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

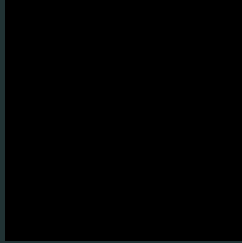
Any Text WCAG AA × Fail

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 213334 Background



This preview shows how black text looks on a background with the Hex color 213334.



This preview shows how white text looks on a background with the Hex color 213334.

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](#).

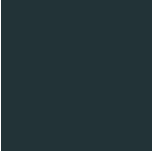
Dichromacy



Original Color
213334

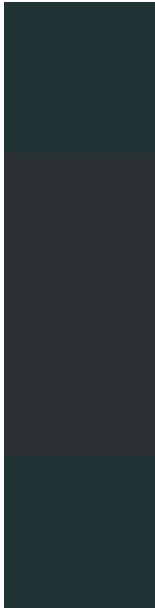
Protanopia
302F32

Deuteranopia
322E35



Tritanopia
223337

Trichromacy



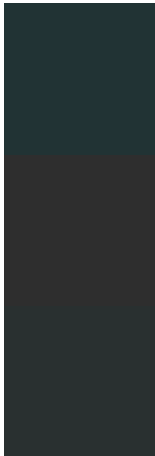
Original Color
213334

Protanomaly
2B3033

Deuteranomaly
2C3035

Tritanomaly
223336

Monochromacy



Original Color
213334

Achromatopsia
2E2E2E

Achromatomaly
293030

CSS Examples

Text

The CSS property to change the color of the text to Hex 213334 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 #213334 looks like.

```
.text, #text, p{  
    color:#213334  
}
```

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 #213334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213334
}
```

Border

The CSS property to change the border of an element to Hex 213334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

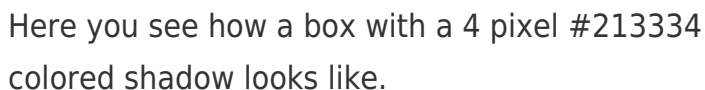
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213334 }
```

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

```
.border{ border-color:#213334 }
```

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



Here you see how a box with a 4 pixel #213334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213334; -webkit-box-shadow:4px 4px  
4px 4px #213334; box-shadow:4px 4px 4px  
4px #213334 }
```

Background

The CSS property to change the background color of an element to Hex 213334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213334 }
```

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

```
.background{ background-color:#213334 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor