

Converting Colors

Hex(213534)

Have a look what the booklet for
Hex(213534) contains.

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Color

Hex(213534)

Conversions

Conversions Part 1

Format	Color
Hex	213534
RGB	33, 53, 52
RGB Percent	13%, 21%, 20%
CMY	0.8706, 0.7922, 0.7961
CMYK	0.38, 0.00, 0.02, 0.79
HSL	177°, 23%, 17%
HSV	177°, 38%, 21%
XYZ	2.5201, 3.1175, 3.7177
YIQ	46.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

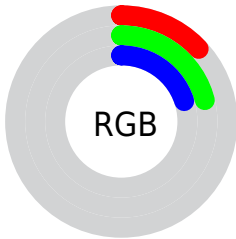
Format	Color
RYB	33, 43, 53
Decimal	2176308
CIELab	20.51, -8.27, -1.94
CIELCh	21, 8.492, 193.194
Yxy	3.1175, 0.2694, 0.3332
Android (android.graphics.Color)	4280366388 (0xFF213534)
YUV	46.9060, 2.5113, -12.1956
Hunter-Lab	17.6564, -5.4209, -0.1246

Details

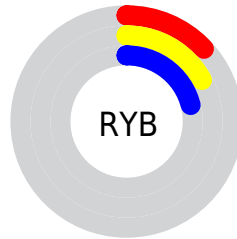
The Hex color **213534** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **352122**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4E6462**, and **000406** is the 20% darker color. If you saturate the color by 10%, you get **1C3534**, and if you desaturate by 10%, it is **263534**.

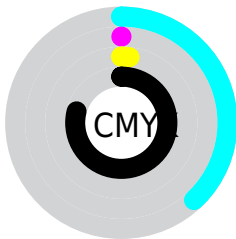
Distribution



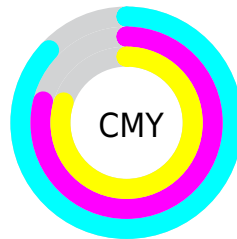
- Red (13%)
- Green (21%)
- Blue (20%)



- Red (13%)
- Yellow (17%)
- Blue (21%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (79%)



- Cyan (87%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213534 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 213534 by changing the saturation by 10% instead.

■ 213534

■ 213534

FFFFFF

■ 0C201F

■ 4E6462

■ 000406

■ 677D7B

■ 000000

■ 809695

■ 9AB1B0

■ B5CDCB

■ D0E9E7

■ EDFFFF

■ 213534

■ 213534

■ 1C3534

■ 263534

■ 163533

■ 2C3535

■ 113533

■ 313535

■ 0C3533

■ 363535

■ 073533

■ 3C3535

■ 013532

■ 413536

■ 003532

■ 463536

■ 4B3536

■ 513536

Harmonies

Analogous

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



26352E



213534



21343A

Triad

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



213534



362F3B



393026

Complementary

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



213534



352122

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.



3D2E29



213534



3C2D35

Square

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



213534



2E313D



3E2D2F



333225

Rectangle

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



213534



24343C



3E2D2F



3B2F26

Sweetspot

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



213534



3D4544



223521



1F2423



A3A3A3



242424

Same Dimension

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



213534



264543



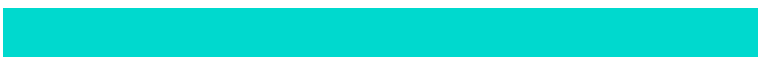
212C35



171A19



005955



00D9CE

Inverse Universe

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



352122



452627



352A21



1A1717



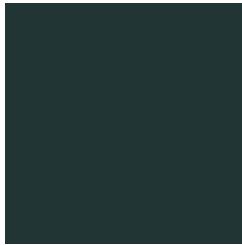
590004



D9000B

Previews

White Background



This preview shows how the Hex color 213534 looks on a white background.

Color Contrast Check

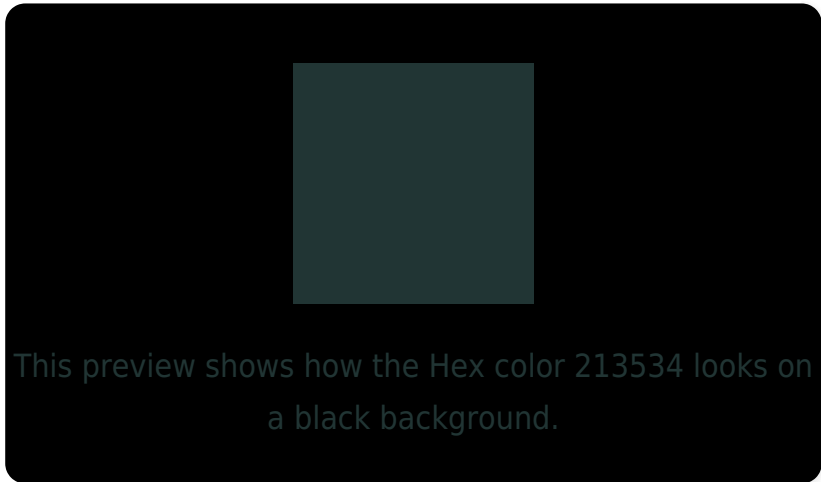
Large Text (above 18pt) WCAG AA ✓ Pass

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

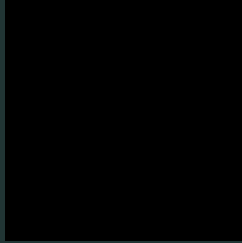
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

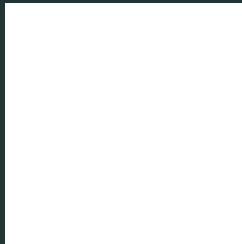
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 213534 Background



This preview shows how black text looks on a background with the Hex color 213534.



This preview shows how white text looks on a background with the Hex color 213534.

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](#).

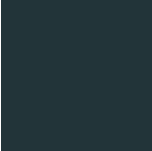
Dichromacy



Original Color
213534

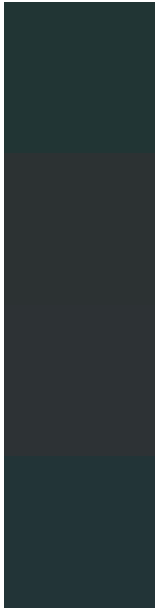
Protanopia
323132

Deuteranopia
343035



Tritanopia
223439

Trichromacy



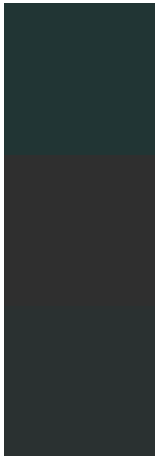
Original Color
213534

Protanomaly
2C3233

Deuteranomaly
2D3235

Tritanomaly
223437

Monochromacy



Original Color
213534

Achromatopsia
2F2F2F

Achromatomaly
2A3131

CSS Examples

Text

The CSS property to change the color of the text to Hex 213534 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 #213534 looks like.

```
.text, #text, p{  
    color:#213534  
}
```

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 #213534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213534
}
```

Border

The CSS property to change the border of an element to Hex 213534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

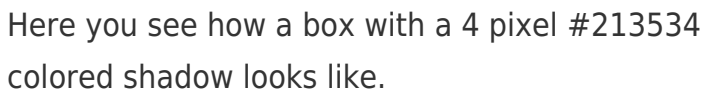
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213534 }
```

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

```
.border{ border-color:#213534 }
```

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



Here you see how a box with a 4 pixel #213534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213534; -webkit-box-shadow:4px 4px  
4px 4px #213534; box-shadow:4px 4px 4px  
4px #213534 }
```

Background

The CSS property to change the background color of an element to Hex 213534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213534 }
```

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

```
.background{ background-color:#213534 }
```

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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