

# Converting Colors

Hex(214437)

Have a look what the booklet for  
Hex(214437) contains.

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# Color

Hex(214437)

# Conversions

## Conversions Part 1

Format	Color
Hex	214437
RGB	33, 68, 55
RGB Percent	13%, 27%, 22%
CMY	0.8706, 0.7333, 0.7843
CMYK	0.51, 0.00, 0.19, 0.73
HSL	158°, 35%, 20%
HSV	158°, 51%, 27%
XYZ	3.3839, 4.7334, 4.3497
YIQ	56.0530, -16.6870, -11.4630

# Conversions

## Conversions Part 2

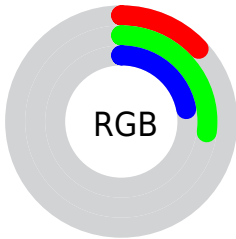
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 54, 68
Decimal	2180151
CIE Lab	25.96, -16.38, 3.98
CIE LCh	26, 16.857, 166.353
Yxy	4.7334, 0.2714, 0.3797
Android (android.graphics.Color)	4280370231 (0xFF214437)
YUV	56.0530, -0.5191, -20.2175
Hunter-Lab	21.7564, -10.3105, 3.3757

# Details

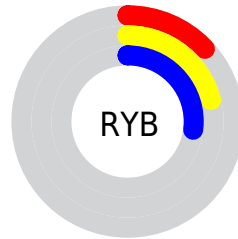
The Hex color **214437** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **44212E**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **507466**, and **001A0B** is the 20% darker color. If you saturate the color by 10%, you get **1A4434**, and if you desaturate by 10%, it is **28443A**.

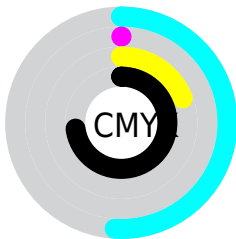
# Distribution



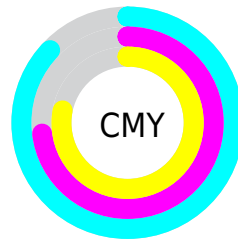
- Red (13%)
- Green (27%)
- Blue (22%)



- Red (13%)
- Yellow (21%)
- Blue (27%)



- Cyan (51%)
- Magenta (0%)
- Yellow (19%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 214437 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 214437 by changing the saturation by 10% instead.



 214437

 214437

FFFFFF

 092E22

 507466

 001A0B

 698E7F

 000000

 82A999

 9DC4B3

 B8E0CF

 D4FDEB

 F0FFFF

 214437

 214437

■ 1A4434

■ 28443A

■ 134432

■ 2F443C

■ 0D442F

■ 35443F

■ 06442D

■ 3C4441

■ 00442B

■ 434444

■ 4A4446

■ 514449

■ 57444B

■ 5E444E

# Harmonies

## Analogous

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



31422B



214437



124444

# Triad

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



214437



373C56



54362C

# Complementary

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



214437



44212E

# 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.



573437



214437



48384F

# Square

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



214437



224056



533444



4B3B25

# Rectangle

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



214437



0F444C



533444



55352F



# Sweetspot

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



214437



4C5954



2E4421



262E2B



ADADAD



2E2E2E



# Same Dimension

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



214437



225945



214044



1E2120



00613D



00E08D



# Inverse Universe

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



44212E



592236



442521



211E1F



610024

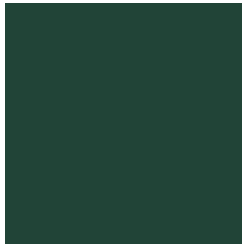


E00053



# Previews

## White Background



This preview shows how the Hex color 214437 looks on a white background.

## Color Contrast Check

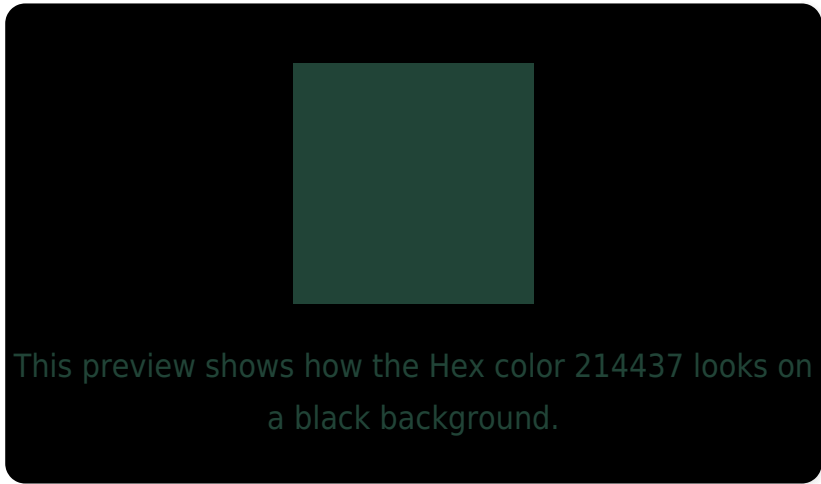
Large Text (above 18pt) WCAG AA ✓ Pass

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

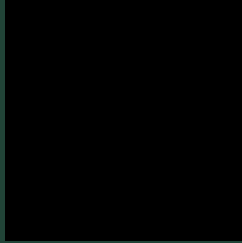
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

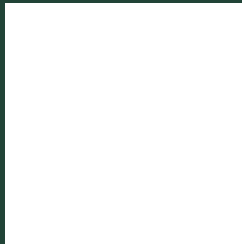
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 214437 Background



This preview shows how black text looks on a background with the Hex color 214437.



This preview shows how white text looks on a background with the Hex color 214437.

# 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**  
214437

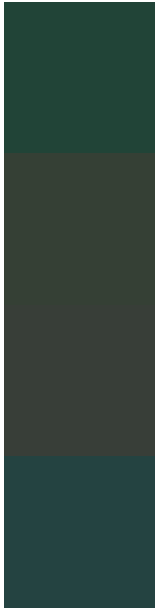
**Protanopia**  
413D34

**Deuteranopia**  
453B39



**Tritanopia**  
264247

# Trichromacy



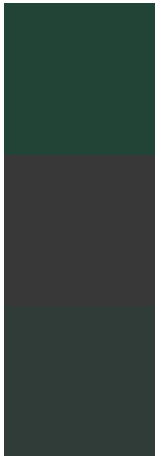
**Original Color**  
214437

**Protanomaly**  
354035

**Deuteranomaly**  
383E38

**Tritanomaly**  
244341

# Monochromacy



**Original Color**  
214437

**Achromatopsia**  
383838

**Achromatomaly**  
303C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 214437 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 #214437 looks like.

```
.text, #text, p{  
    color:#214437  
}
```

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 #214437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214437
}
```

## Border

The CSS property to change the border of an element to Hex 214437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

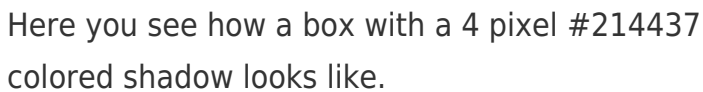
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#214437 }
```

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

```
.border{ border-color:#214437 }
```

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



Here you see how a box with a 4 pixel #214437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214437; -webkit-box-shadow:4px 4px  
4px 4px #214437; box-shadow:4px 4px 4px  
4px #214437 }
```

# Background

The CSS property to change the background color of an element to Hex 214437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214437 }
```

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

```
.background{ background-color:#214437 }
```

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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