

# Converting Colors

Hex(214F48)

Have a look what the booklet for  
Hex(214F48) contains.

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# Color

**Hex(214F48)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	214F48
RGB	33, 79, 72
RGB Percent	13%, 31%, 28%
CMY	0.8706, 0.6902, 0.7176
CMYK	0.58, 0.00, 0.09, 0.69
HSL	171°, 41%, 22%
HSV	171°, 58%, 31%
XYZ	4.5929, 6.3832, 7.1209
YIQ	64.4480, -25.1690, -11.9290

# Conversions

## Conversions Part 2

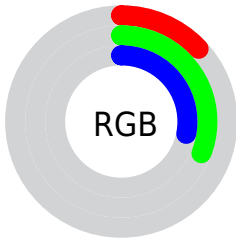
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	33, 58, 79
Decimal	2182984
CIE Lab	30.36, -17.71, -0.65
CIE LCh	30, 17.719, 182.099
Yxy	6.3832, 0.2538, 0.3527
Android (android.graphics.Color)	4280373064 (0xFF214F48)
YUV	64.4480, 3.7231, -27.5799
Hunter-Lab	25.2650, -11.7644, 0.9746

# Details

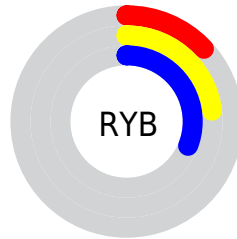
The Hex color **214F48** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F2128**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **528078**, and **00221D** is the 20% darker color. If you saturate the color by 10%, you get **194F47**, and if you desaturate by 10%, it is **294F49**.

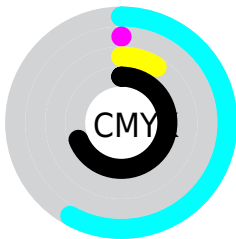
# Distribution



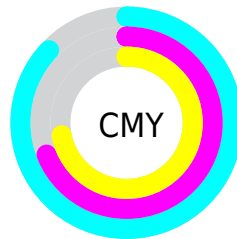
- Red (13%)
- Green (31%)
- Blue (28%)



- Red (13%)
- Yellow (23%)
- Blue (31%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 214F48 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 214F48 by changing the saturation by 10% instead.



■ 214F48

■ 214F48

FFFFFF

■ 053832

■ 528078

■ 00221D

■ 6C9B92

■ 000303

■ 86B5AD

■ 000000

■ A0D1C8

■ BCEDE4

■ D8FFFF

■ F5FFFF

■ 214F48

■ 214F48

■ 194F47

■ 294F49

■ 114F46

■ 314F4A

■ 094F44

■ 394F4C

■ 014F43

■ 414F4D

■ 004F43

■ 494F4E

■ 504F4F

■ 584F50

■ 604F52

■ 684F53

# Harmonies

## Analogous

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



314E3A



214F48



184F56

# Triad

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



214F48



4B445F



5C4230

# Complementary

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



214F48



4F2128

# 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.



623E3A



214F48



5A3F55

# Square

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



214F48



364863



623D47



50472C

# Rectangle

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



214F48



1C4D5D



623D47



5E4132



# Sweetspot

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



214F48



556663



294F21



293331



B3B3B3



333333



# Same Dimension

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



214F48



1F665B



21404F



222626



006656



00E6C3



# Inverse Universe

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



4F2128



661F29



4F3021



262223



660010

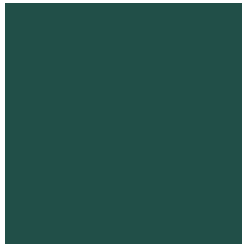


E60023



# Previews

## White Background



This preview shows how the Hex color 214F48 looks on a white background.

## Color Contrast Check

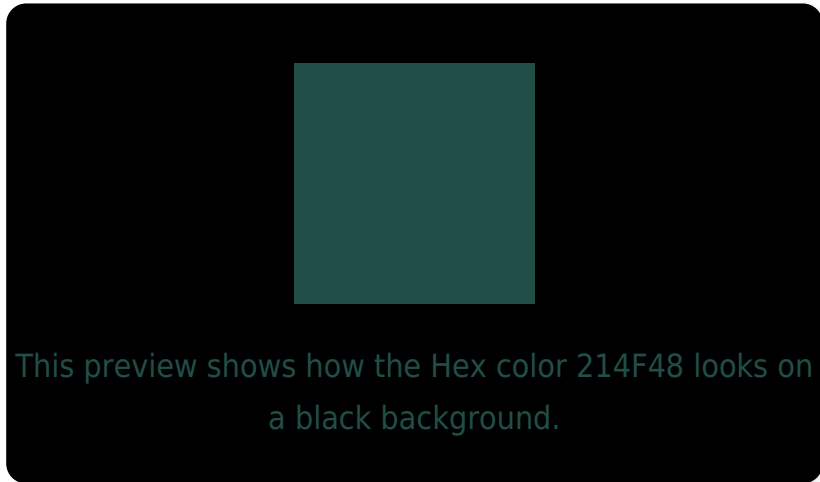
Large Text (above 18pt) WCAG AA ✓ Pass

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

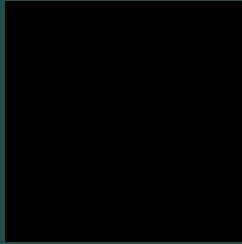
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 214F48 Background



This preview shows how black text looks on a background with the Hex color 214F48.



This preview shows how white text looks on a background with the Hex color 214F48.

# 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**  
214F48

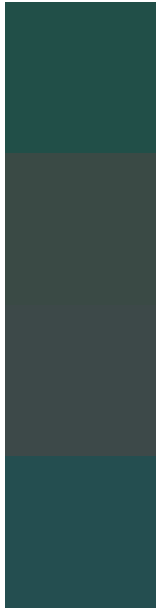
**Protanopia**  
494743

**Deuteranopia**  
4D454A



**Tritanopia**  
254D54

# Trichromacy



**Original Color**  
214F48

**Protanomaly**  
3A4A45

**Deuteranomaly**  
3D4949

**Tritanomaly**  
244E50

# Monochromacy



**Original Color**  
214F48

**Achromatopsia**  
404040

**Achromatomaly**  
354543

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 214F48 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 #214F48 looks like.

```
.text, #text, p{  
    color:#214F48  
}
```

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 #214F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214F48
}
```

## Border

The CSS property to change the border of an element to Hex 214F48 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
#214F48 }
```

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

```
.border{ border-color:#214F48 }
```

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

Here you see how a box with a 4 pixel #214F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214F48; -webkit-box-shadow:4px 4px  
4px 4px #214F48; box-shadow:4px 4px 4px  
4px #214F48 }
```

# Background

The CSS property to change the background color of an element to Hex 214F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214F48 }
```

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

```
.background{ background-color:#214F48 }
```

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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