

Converting Colors

Hex(214F53)

Have a look what the booklet for
Hex(214F53) contains.

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Color

Hex(214F53)

Conversions

Conversions Part 1

Format	Color
Hex	214F53
RGB	33, 79, 83
RGB Percent	13%, 31%, 33%
CMY	0.8706, 0.6902, 0.6745
CMYK	0.60, 0.05, 0.00, 0.67
HSL	185°, 43%, 23%
HSV	185°, 60%, 33%
XYZ	4.9845, 6.5398, 9.1832
YIQ	65.7020, -28.7000, -8.5080

Conversions

Conversions Part 2

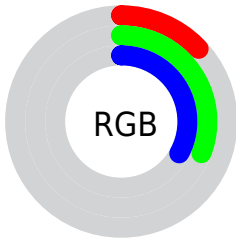
Format	Color
R_{YB}	33, 57, 83
Decimal	2182995
CIE Lab	30.74, -14.29, -7.13
CIE LCh	31, 15.972, 206.513
Yxy	6.5398, 0.2407, 0.3158
Android (android.graphics.Color)	4280373075 (0xFF214F53)
YUV	65.7020, 8.5279, -28.6797
Hunter-Lab	25.5731, -9.9610, -3.3897

Details

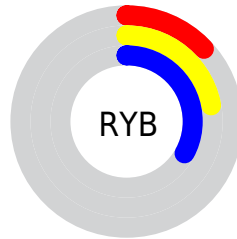
The Hex color **214F53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532521**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **538084**, and **002226** is the 20% darker color. If you saturate the color by 10%, you get **194E53**, and if you desaturate by 10%, it is **295053**.

Distribution



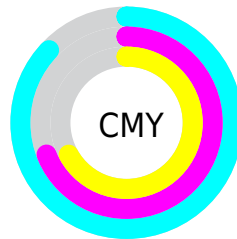
- Red (13%)
- Green (31%)
- Blue (33%)



- Red (13%)
- Yellow (22%)
- Blue (33%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (67%)



- Cyan (87%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214F53 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 214F53 by changing the saturation by 10% instead.

■ 214F53

■ 214F53

FFFFFF

■ 04383C

■ 538084

■ 002226

■ 6D9A9F

■ 000612

■ 87B5B9

■ 000000

■ A2D1D5

■ BDEDF1

■ DAFFFF

■ F6FFFF

■ 214F53

■ 214F53

■ 194E53

■ 295053

■ 104E53

■ 325053

■ 084D53

■ 3A5153

■ 004C53

■ 425253

■ 4A5253

■ 535353

■ 5B5453

■ 635453

■ 6C5553

Harmonies

Analogous

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



294F46



214F53



264D5D

Triad

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



214F53



574256



534730

Complementary

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



214F53



532521

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.



5C4334



214F53



603F4A

Square

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



214F53



48465F



61403E



464B32

Rectangle

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



214F53



304B60



61403E



564630

Sweetspot

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



214F53



586A6B



215324



2A3536



B5B5B5



363636

Same Dimension

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



214F53



1E656B



213753



252829



006069



00D5E8

Inverse Universe

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



53214F



6B1E65



533D21



292528



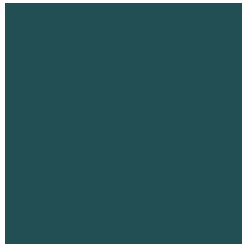
690060



E800D5

Previews

White Background



This preview shows how the Hex color 214F53 looks on a white background.

Color Contrast Check

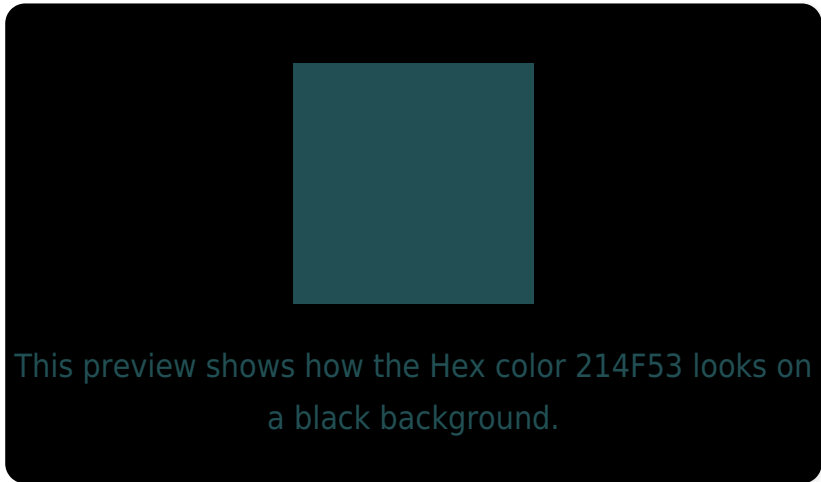
Large Text (above 18pt) WCAG AA ✓ Pass

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

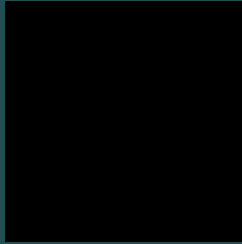
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

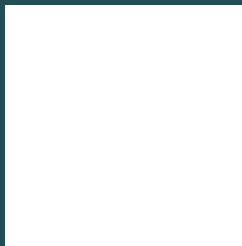
Any Text WCAG AAA × Fail

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

Hex 214F53 Background



This preview shows how black text looks on a background with the Hex color 214F53.

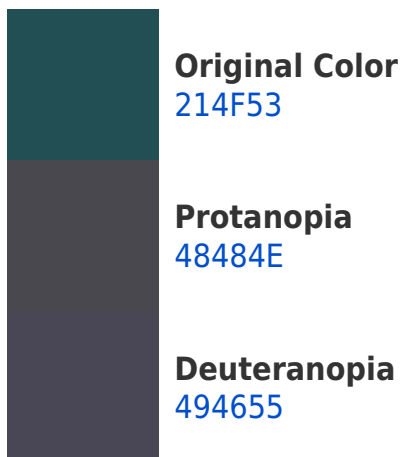


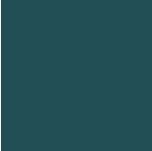
This preview shows how white text looks on a background with the Hex color 214F53.

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](#).

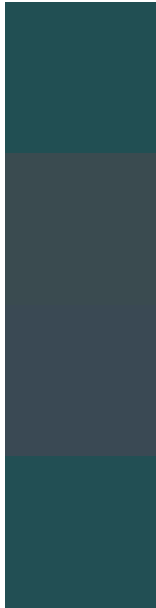
Dichromacy





Tritanopia
224F55

Trichromacy



Original Color
214F53

Protanomaly
3A4B50

Deuteranomaly
3A4954

Tritanomaly
224F54

Monochromacy



Original Color
214F53

Achromatopsia
424242

Achromatomaly
364748

CSS Examples

Text

The CSS property to change the color of the text to Hex 214F53 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 #214F53 looks like.

```
.text, #text, p{  
    color:#214F53  
}
```

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 #214F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214F53
}
```

Border

The CSS property to change the border of an element to Hex 214F53 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
#214F53 }
```

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

```
.border{ border-color:#214F53 }
```

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

Here you see how a box with a 4 pixel #214F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214F53; -webkit-box-shadow:4px 4px  
4px 4px #214F53; box-shadow:4px 4px 4px  
4px #214F53 }
```

Background

The CSS property to change the background color of an element to Hex 214F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214F53 }
```

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

```
.background{ background-color:#214F53 }
```

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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