

Converting Colors

Hex(214B5C)

Have a look what the booklet for
Hex(214B5C) contains.

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Color

Hex(214B5C)

Conversions

Conversions Part 1

Format	Color
Hex	214B5C
RGB	33, 75, 92
RGB Percent	13%, 29%, 36%
CMY	0.8706, 0.7059, 0.6392
CMYK	0.64, 0.18, 0.00, 0.64
HSL	197°, 47%, 25%
HSV	197°, 64%, 36%
XYZ	5.0750, 6.1282, 11.0406
YIQ	64.3800, -30.4890, -3.6170

Conversions

Conversions Part 2

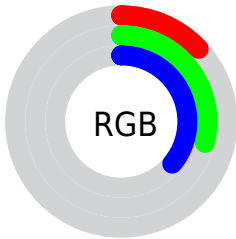
Format	Color
R_{YB}	33, 58, 92
Decimal	2181980
CIE Lab	29.73, -8.85, -14.41
CIE LCh	30, 16.911, 238.453
Yxy	6.1282, 0.2282, 0.2755
Android (android.graphics.Color)	4280372060 (0xFF214B5C)
YUV	64.3800, 13.6167, -27.5203
Hunter-Lab	24.7552, -6.7274, -9.1142




Details

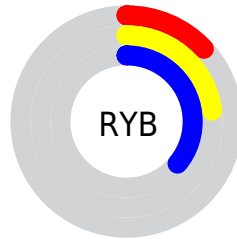
The Hex color **214B5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C3221**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **547C8E**, and **001F2E** is the 20% darker color. If you saturate the color by 10%, you get **18485C**, and if you desaturate by 10%, it is **2A4E5C**.

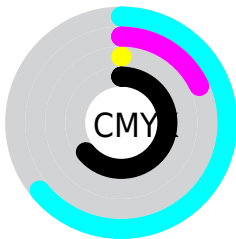
Distribution







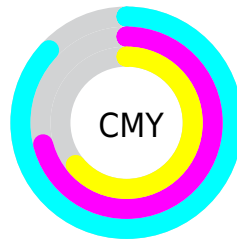
-  Red (13%)
-  Green (29%)
-  Blue (36%)






-  Red (13%)
-  Yellow (23%)
-  Blue (36%)



-  Cyan (64%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (71%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214B5C 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 214B5C by changing the saturation by 10% instead.

■ 214B5C

■ 214B5C

FFFFFF

■ 023444

■ 547C8E

■ 001F2E

■ 6E96A9

■ 00011A

■ 88B0C4

■ 000000

■ A3CCE0

■ BFE8FD

■ DBFFFF

■ F8FFFF

■ 214B5C

■ 214B5C

■ 18485C

■ 2A4E5C

■ 0F465C

■ 33505C

■ 05435C

■ 3D535C

■ 00415C

■ 46565C

■ 4F585C

■ 585B5C

■ 615E5C

■ 6B605C

■ 74635C

Harmonies

Analogous

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



1A4D52



214B5C



334760

Triad

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



214B5C



5F3C47



42492F

Complementary

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



214B5C



5C3221

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.



50452C



214B5C



603D3A

Square

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



214B5C



563F54



5A4130



334C38

Rectangle

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



214B5C



41445F



5A4130



47482D

Sweetspot

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



214B5C



617178



215C32



2F393D



BDBDBD



3D3D3D

Same Dimension

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



214B5C



1C5D78



212E5C



292D2E



004E6E



00A9ED

Inverse Universe

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



5C214B



781C5D



5C4F21



2E292D



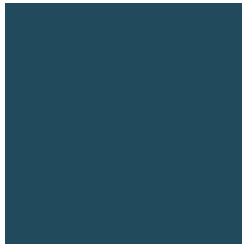
6E004E



ED00A9

Previews

White Background



This preview shows how the Hex color 214B5C looks on a white background.

Color Contrast Check

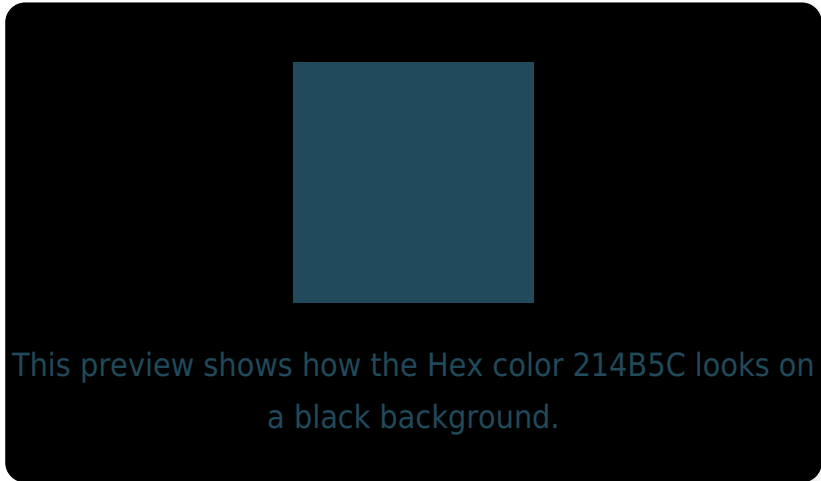
Large Text (above 18pt) WCAG AA ✓ Pass

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

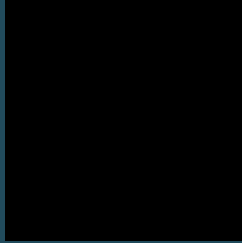
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

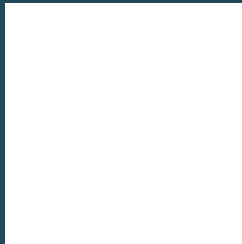
Any Text WCAG AAA × Fail

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

Hex 214B5C Background



This preview shows how black text looks on a background with the Hex color 214B5C.



This preview shows how white text looks on a background with the Hex color 214B5C.

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
214B5C

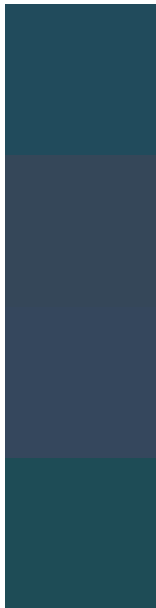
Protanopia
414558

Deuteranopia
40455D



Tritanopia
1C4D53

Trichromacy



Original Color
214B5C

Protanomaly
354759

Deuteranomaly
35475D

Tritanomaly
1E4C56

Monochromacy



Original Color
214B5C

Achromatopsia
404040

Achromatomaly
35444A

CSS Examples

Text

The CSS property to change the color of the text to Hex 214B5C 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 #214B5C looks like.

```
.text, #text, p{  
    color:#214B5C  
}
```

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 #214B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214B5C
}
```

Border

The CSS property to change the border of an element to Hex 214B5C 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
#214B5C }
```

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

```
.border{ border-color:#214B5C }
```

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

Here you see how a box with a 4 pixel #214B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214B5C; -webkit-box-shadow:4px 4px  
4px 4px #214B5C; box-shadow:4px 4px 4px  
4px #214B5C }
```

Background

The CSS property to change the background color of an element to Hex 214B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214B5C }
```

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

```
.background{ background-color:#214B5C }
```

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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