

Converting Colors

Hex(214C46)

Have a look what the booklet for
Hex(214C46) contains.

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Color

Hex(214C46)

Conversions

Conversions Part 1

Format	Color
Hex	214C46
RGB	33, 76, 70
RGB Percent	13%, 30%, 27%
CMY	0.8706, 0.7020, 0.7255
CMYK	0.57, 0.00, 0.08, 0.70
HSL	172°, 39%, 21%
HSV	172°, 57%, 30%
XYZ	4.3171, 5.9344, 6.7123
YIQ	62.4590, -23.7020, -10.9820

Conversions

Conversions Part 2

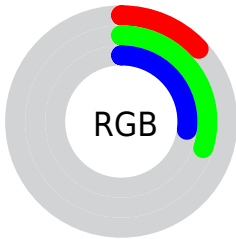
Format	Color
R_{YB}	33, 56, 76
Decimal	2182214
CIE Lab	29.25, -16.63, -1.00
CIE LCh	29, 16.660, 183.428
Yxy	5.9344, 0.2545, 0.3498
Android (android.graphics.Color)	4280372294 (0xFF214C46)
YUV	62.4590, 3.7177, -25.8355
Hunter-Lab	24.3606, -10.9978, 0.7158

Details

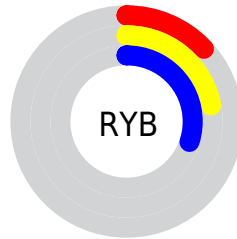
The Hex color **214C46** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4C2127**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **527D76**, and **00201B** is the 20% darker color. If you saturate the color by 10%, you get **194C45**, and if you desaturate by 10%, it is **294C47**.

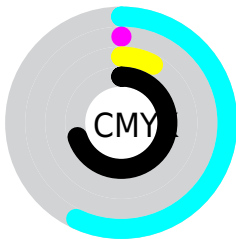
Distribution



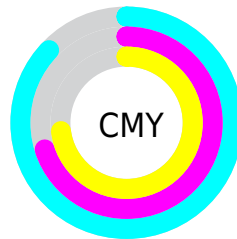
- Red (13%)
- Green (30%)
- Blue (27%)



- Red (13%)
- Yellow (22%)
- Blue (30%)



- Cyan (57%)
- Magenta (0%)
- Yellow (8%)
- Black (70%)



- Cyan (87%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214C46 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 214C46 by changing the saturation by 10% instead.



214C46



214C46

FFFFFF



063530



527D76



00201B



6B9790



000000



85B2AA



A0CDC6



BBEAE2



D7FFFE



F4FFFF



214C46



214C46

■ 194C45

■ 294C47

■ 124C44

■ 304C48

■ 0A4C43

■ 384C49

■ 034C42

■ 3F4C4A

■ 004C41

■ 474C4B

■ 4F4C4C

■ 564C4D

■ 5E4C4E

■ 654C50

Harmonies

Analogous

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



2F4B39



214C46



1A4B53

Triad

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



214C46



49415A



57402E

Complementary

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



214C46



4C2127

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.



5E3D37



214C46



573D51

Square

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



214C46



36465E



5E3B44



4C452B

Rectangle

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



214C46



1E4A59



5E3B44



5A3F31

Sweetspot

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



214C46



536361



274C21



293332



B3B3B3



333333

Same Dimension

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



214C46



20635A



213D4C



222626



006658



00E6C5

Inverse Universe

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



4C2127



632029



4C3021



262223



66000E



E60020

Previews

White Background



This preview shows how the Hex color 214C46 looks on a white background.

Color Contrast Check

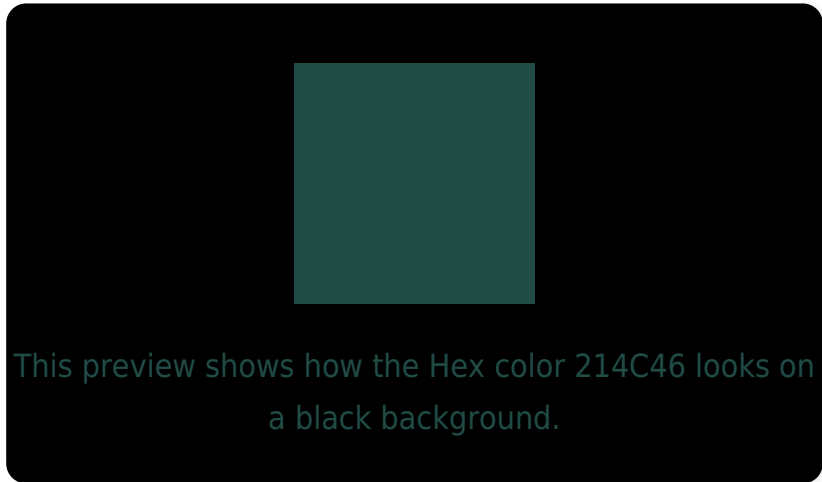
Large Text (above 18pt) WCAG AA ✓ Pass

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

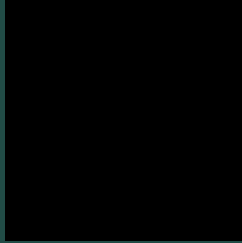
Any Text WCAG AA × Fail

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 214C46 Background



This preview shows how black text looks on a background with the Hex color 214C46.



This preview shows how white text looks on a background with the Hex color 214C46.

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](#).

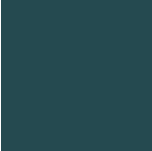
Dichromacy



Original Color
214C46

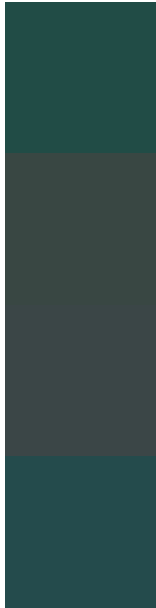
Protanopia
474442

Deuteranopia
4A4348



Tritanopia
254A50

Trichromacy



Original Color
214C46

Protanomaly
394743

Deuteranomaly
3B4647

Tritanomaly
244B4C

Monochromacy



Original Color
214C46

Achromatopsia
3E3E3E

Achromatomaly
334341

CSS Examples

Text

The CSS property to change the color of the text to Hex 214C46 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 #214C46 looks like.

```
.text, #text, p{  
    color:#214C46  
}
```

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 #214C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214C46
}
```

Border

The CSS property to change the border of an element to Hex 214C46 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
#214C46 }
```

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

```
.border{ border-color:#214C46 }
```

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

Here you see how a box with a 4 pixel #214C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214C46; -webkit-box-shadow:4px 4px  
4px 4px #214C46; box-shadow:4px 4px 4px  
4px #214C46 }
```

Background

The CSS property to change the background color of an element to Hex 214C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214C46 }
```

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

```
.background{ background-color:#214C46 }
```

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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