

Converting Colors

Hex(214F37)

Have a look what the booklet for
Hex(214F37) contains.

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Color

Hex(214F37)

Conversions

Conversions Part 1

Format	Color
Hex	214F37
RGB	33, 79, 55
RGB Percent	13%, 31%, 22%
CMY	0.8706, 0.6902, 0.7843
CMYK	0.58, 0.00, 0.30, 0.69
HSL	149°, 41%, 22%
HSV	149°, 58%, 31%
XYZ	4.1128, 6.1911, 4.5927
YIQ	62.5100, -19.7120, -17.2160

Conversions

Conversions Part 2

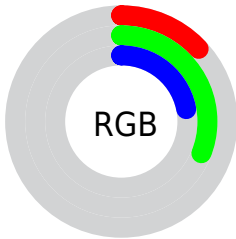
Format	Color
R_{YB}	33, 64, 79
Decimal	2182967
CIE Lab	29.89, -22.26, 9.50
CIE LCh	30, 24.206, 156.890
Yxy	6.1911, 0.2761, 0.4156
Android (android.graphics.Color)	4280373047 (0xFF214F37)
YUV	62.5100, -3.7024, -25.8803
Hunter-Lab	24.8820, -14.0390, 6.4738

Details

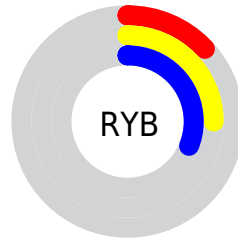
The Hex color **214F37** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4F2139**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **528166**, and **00220C** is the 20% darker color. If you saturate the color by 10%, you get **194F33**, and if you desaturate by 10%, it is **294F3B**.

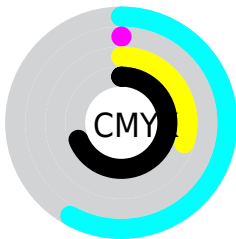
Distribution



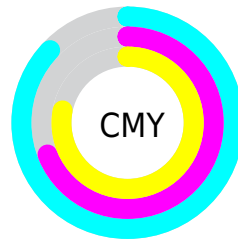
- Red (13%)
- Green (31%)
- Blue (22%)



- Red (13%)
- Yellow (25%)
- Blue (31%)



- Cyan (58%)
- Magenta (0%)
- Yellow (30%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214F37 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 214F37 by changing the saturation by 10% instead.



214F37



214F37

FFFFFF



063822



528166



00220C



6B9B7F



000000



85B699



9FD1B4



BBEECF



D7FFEB



F3FFFF



214F37



214F37

■ 194F33

■ 294F3B

■ 114F2F

■ 314F3F

■ 094F2B

■ 394F43

■ 014F27

■ 414F47

■ 004F26

■ 494F4C

■ 504F50

■ 584F54

■ 604F58

■ 684F5C

Harmonies

Analogous

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



3A4C27



214F37



00504A

Triad

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



214F37



30476C



683A31

Complementary

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



214F37



4F2139

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.



6A3743



214F37



4E4065

Square

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



214F37



004C69



613956



5E4024

Rectangle

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



214F37



005057



613956



6A3836

Sweetspot

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



214F37



55665D



3A4F21



29332E



B3B3B3



333333

Same Dimension

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



214F37



1F6641



214F4D



222624



006631



00E66E

Inverse Universe

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



4F2139



661F44



4F2123



262224



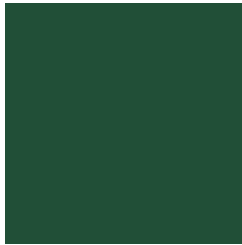
660035



E60078

Previews

White Background



This preview shows how the Hex color 214F37 looks on a white background.

Color Contrast Check

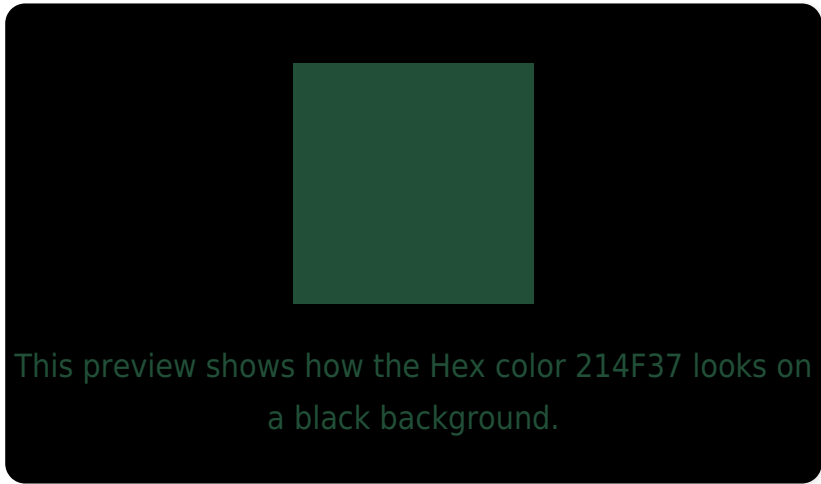
Large Text (above 18pt) WCAG AA ✓ Pass

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

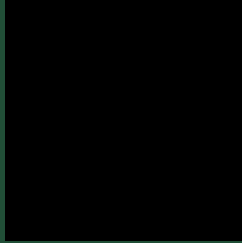
Any Text WCAG AA × Fail

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 214F37 Background



This preview shows how black text looks on a background with the Hex color 214F37.



This preview shows how white text looks on a background with the Hex color 214F37.

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
214F37

Protanopia
4B4633

Deuteranopia
51433A



Tritanopia
294C52

Trichromacy



Original Color
214F37

Protanomaly
3C4934

Deuteranomaly
404739

Tritanomaly
264D48

Monochromacy



Original Color
214F37

Achromatopsia
3F3F3F

Achromatomaly
34453C

CSS Examples

Text

The CSS property to change the color of the text to Hex 214F37 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 #214F37 looks like.

```
.text, #text, p{  
    color:#214F37  
}
```

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 #214F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214F37
}
```

Border

The CSS property to change the border of an element to Hex 214F37 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
#214F37 }
```

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

```
.border{ border-color:#214F37 }
```

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

Here you see how a box with a 4 pixel #214F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214F37; -webkit-box-shadow:4px 4px  
4px 4px #214F37; box-shadow:4px 4px 4px  
4px #214F37 }
```

Background

The CSS property to change the background color of an element to Hex 214F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214F37 }
```

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

```
.background{ background-color:#214F37 }
```

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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