

Converting Colors

Hex(215C3F)

Have a look what the booklet for
Hex(215C3F) contains.

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Color

Hex(215C3F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 215C3F |
| RGB | 33, 92, 63 |
| RGB Percent | 13%, 36%, 25% |
| CMY | 0.8706, 0.6392, 0.7529 |
| CMYK | 0.64, 0.00, 0.32, 0.64 |
| HSL | 151°, 47%, 25% |
| HSV | 151°, 64%, 36% |
| XYZ | 5.3515, 8.3365, 6.0297 |
| YIQ | 71.0530, -25.8550, -21.5270 |

Conversions

Conversions Part 2

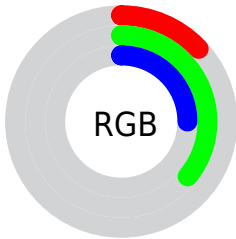
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 33, 72, 92 |
| Decimal | 2186303 |
| CIELab | 34.67, -26.78, 11.14 |
| CIElCh | 35, 29.007, 157.423 |
| Yxy | 8.3365, 0.2714, 0.4228 |
| Android (android.graphics.Color) | 4280376383 (0xFF215C3F) |
| YUV | 71.0530, -3.9701, -33.3725 |
| Hunter-Lab | 28.8730, -17.4432, 7.8293 |




Details

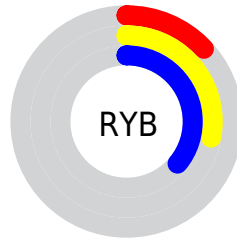
The Hex color **215C3F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C213E**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **548F6F**, and **002D14** is the 20% darker color. If you saturate the color by 10%, you get **185C3A**, and if you desaturate by 10%, it is **2A5C44**.

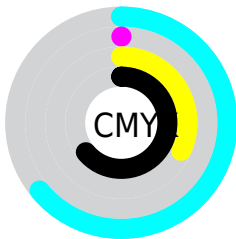
Distribution







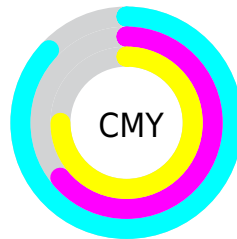
-  Red (13%)
-  Green (36%)
-  Blue (25%)






-  Red (13%)
-  Yellow (28%)
-  Blue (36%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (32%)
-  Black (64%)




-  Cyan (87%)
-  Magenta (64%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215C3F 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 215C3F by changing the saturation by 10% instead.

 215C3F

 215C3F

FFFFFF

 024429

 548F6F

 002D14

 6EA988

 001900

 88C5A2


 000000


 A3E1BD

 BFFED9

 DBFFF6

 F8FFFF

 215C3F

 215C3F

■ 185C3A

■ 2A5C44

■ 0F5C36

■ 335C48

■ 055C31

■ 3D5C4D

■ 005C2F

■ 465C51

■ 4F5C56

■ 585C5A

■ 615C5F

■ 6B5C63

■ 745C68

Harmonies

Analogous

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



41582C



215C3F



005D57

Triad

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



215C3F



35527F



7A4237

Complementary

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



215C3F



5C213E

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.



7D3E4D



215C3F



5B4976

Square

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



215C3F



00597C



734164



6E4A27

Rectangle

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



215C3F



005D66



734164



7C403E

Sweetspot

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



215C3F



61786D



3F5C21



2F3D36



BDBDBD



3D3D3D

Same Dimension

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



215C3F



1C784A



215C5C



292E2C



006E38



00ED79

Inverse Universe

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



5C213E



781C49



5C2121



2E292C



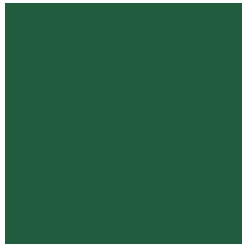
6E0036



ED0075

Previews

White Background



This preview shows how the Hex color 215C3F looks on a white background.

Color Contrast Check

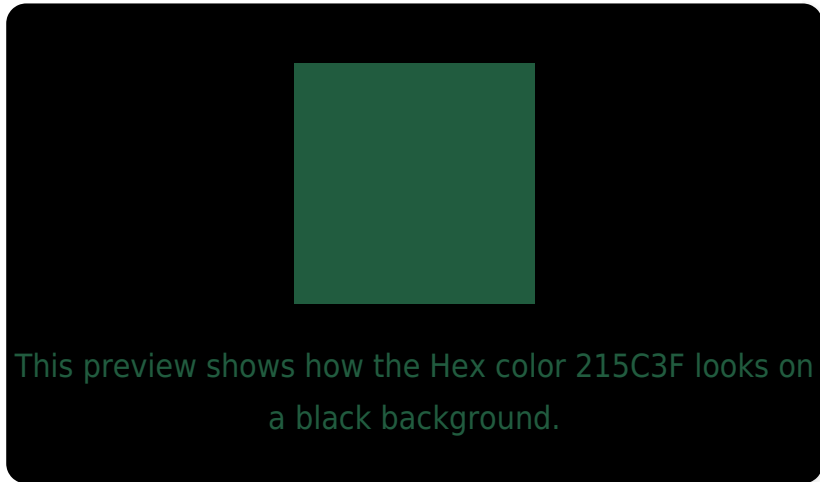
Large Text (above 18pt) WCAG AA ✓ Pass

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

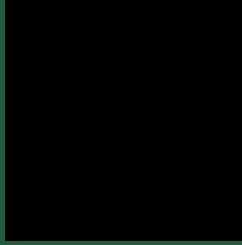
Any Text WCAG AA × Fail

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 215C3F Background



This preview shows how black text looks on a background with the Hex color 215C3F.



This preview shows how white text looks on a background with the Hex color 215C3F.

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](#).

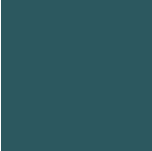
Dichromacy



Original Color
215C3F

Protanopia
57513A

Deuteranopia
5E4E42



Tritanopia
2C585F

Trichromacy



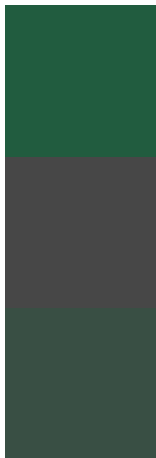
Original Color
215C3F

Protanomaly
43553C

Deuteranomaly
485341

Tritanomaly
285953

Monochromacy



Original Color
215C3F

Achromatopsia
474747

Achromatomaly
394F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 215C3F 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 #215C3F looks like.

```
.text, #text, p{  
    color:#215C3F  
}
```

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 #215C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215C3F
}
```

Border

The CSS property to change the border of an element to Hex 215C3F 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
#215C3F }
```

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

```
.border{ border-color:#215C3F }
```

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

Here you see how a box with a 4 pixel #215C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215C3F; -webkit-box-shadow:4px 4px  
4px 4px #215C3F; box-shadow:4px 4px 4px  
4px #215C3F }
```

Background

The CSS property to change the background color of an element to Hex 215C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215C3F }
```

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

```
.background{ background-color:#215C3F }
```

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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