

# Converting Colors

Hex(215B3E)

Have a look what the booklet for  
Hex(215B3E) contains.

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# Color

Hex(215B3E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	215B3E
RGB	33, 91, 62
RGB Percent	13%, 36%, 24%
CMY	0.8706, 0.6431, 0.7569
CMYK	0.64, 0.00, 0.32, 0.64
HSL	150°, 47%, 24%
HSV	150°, 64%, 36%
XYZ	5.2378, 8.1533, 5.8551
YIQ	70.3520, -25.2590, -21.3150

# Conversions

## Conversions Part 2

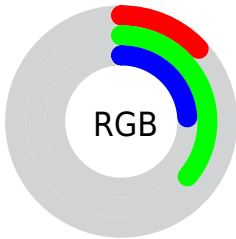
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 72, 91
Decimal	2186046
CIELab	34.30, -26.54, 11.23
CIELCh	34, 28.820, 157.057
Yxy	8.1533, 0.2721, 0.4236
Android (android.graphics.Color)	4280376126 (0xFF215B3E)
YUV	70.3520, -4.1175, -32.7577
Hunter-Lab	28.5540, -17.2264, 7.8301

# Details

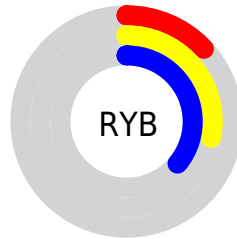
The Hex color **215B3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B213E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **548E6E**, and **002C14** is the 20% darker color. If you saturate the color by 10%, you get **185B39**, and if you desaturate by 10%, it is **2A5B43**.

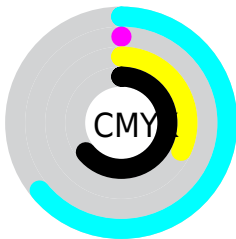
# Distribution



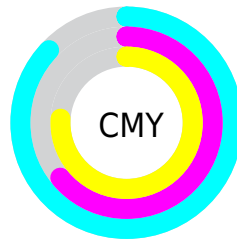
- Red (13%)
- Green (36%)
- Blue (24%)



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



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



- Cyan (87%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 215B3E 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 215B3E by changing the saturation by 10% instead.



 215B3E

 215B3E

FFFFFF

 024328

 548E6E

 002C14

 6EA887

 001800

 88C4A1


 000000


 A3E0BC

 BFFDD8

 DBFFF5

 F8FFFF

 215B3E

 215B3E

■ 185B39

■ 2A5B43

■ 0F5B35

■ 335B47

■ 065B30

■ 3C5B4C

■ 005B2E

■ 455B50

■ 4F5B55

■ 585B59

■ 615B5E

■ 6A5B62

■ 735B67

# Harmonies

## Analogous

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



41572B



215B3E



005C56

# Triad

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



215B3E



34517E



794136

# Complementary

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



215B3E



5B213E

# 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.



7C3D4C



215B3E



5A4975

# Square

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



215B3E



00587A



714163



6D4926

# Rectangle

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



215B3E



005C65



714163



7B3F3D



# Sweetspot

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



215B3E



5F756A



3E5B21



2D3B34



BABABA



3B3B3B



# Same Dimension

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



215B3E



1C7549



215B5B



292E2C



006E37



00ED77



# Inverse Universe

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



5B213E



751C49



5B2121



2E292C



6E0037

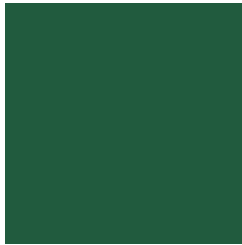


ED0077



# Previews

## White Background



This preview shows how the Hex color 215B3E looks on a white background.

## Color Contrast Check

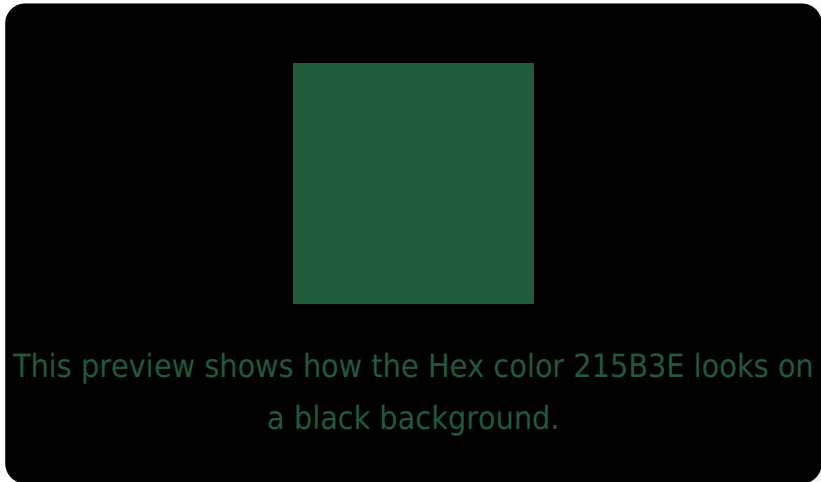
Large Text (above 18pt) WCAG AA ✓ Pass

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

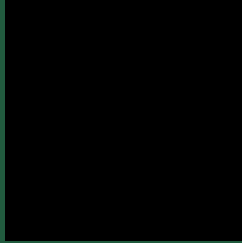
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 215B3E Background



This preview shows how black text looks on a background with the Hex color 215B3E.



This preview shows how white text looks on a background with the Hex color 215B3E.

# 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**  
215B3E

**Protanopia**  
575039

**Deuteranopia**  
5D4D41



**Tritanopia**  
2C575E

# Trichromacy



**Original Color**  
215B3E

**Protanomaly**  
43543B

**Deuteranomaly**  
475240

**Tritanomaly**  
285852

# Monochromacy



**Original Color**  
215B3E

**Achromatopsia**  
464646

**Achromatomaly**  
394E43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 215B3E 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 #215B3E looks like.

```
.text, #text, p{  
    color:#215B3E  
}
```

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 #215B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215B3E
}
```

## Border

The CSS property to change the border of an element to Hex 215B3E 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
#215B3E }
```

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

```
.border{ border-color:#215B3E }
```

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

Here you see how a box with a 4 pixel #215B3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215B3E; -webkit-box-shadow:4px 4px  
4px 4px #215B3E; box-shadow:4px 4px 4px  
4px #215B3E }
```

# Background

The CSS property to change the background color of an element to Hex 215B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215B3E }
```

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

```
.background{ background-color:#215B3E }
```

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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