

Converting Colors

Hex(215E56)

Have a look what the booklet for
Hex(215E56) contains.

Hex(215E56)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(215E56)

Conversions

Conversions Part 1

Format	Color
Hex	215E56
RGB	33, 94, 86
RGB Percent	13%, 37%, 34%
CMY	0.8706, 0.6314, 0.6627
CMYK	0.65, 0.00, 0.09, 0.63
HSL	172°, 48%, 25%
HSV	172°, 65%, 37%
XYZ	6.3096, 9.0006, 10.2088
YIQ	74.8490, -33.7880, -15.4200

Conversions

Conversions Part 2

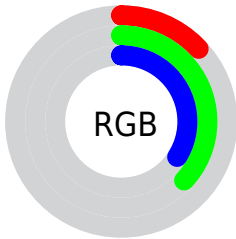
Format	Color
R_{YB}	33, 66, 94
Decimal	2186838
CIE _{Lab}	35.99, -21.62, -1.23
CIE _{LCh}	36, 21.657, 183.253
Yxy	9.0006, 0.2473, 0.3527
Android (android.graphics.Color)	4280376918 (0xFF215E56)
YUV	74.8490, 5.4974, -36.7016
Hunter-Lab	30.0010, -14.9609, 0.8254

Details

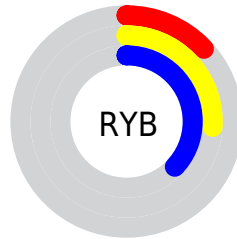
The Hex color **215E56** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E2129**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **559188**, and **002F29** is the 20% darker color. If you saturate the color by 10%, you get **185E55**, and if you desaturate by 10%, it is **2A5E57**.

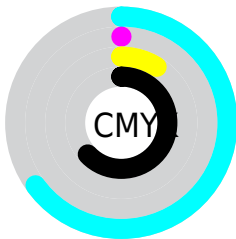
Distribution



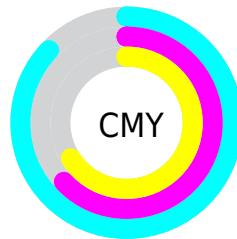
- Red (13%)
- Green (37%)
- Blue (34%)



- Red (13%)
- Yellow (26%)
- Blue (37%)



- Cyan (65%)
- Magenta (0%)
- Yellow (9%)
- Black (63%)





- Cyan (87%)
- Magenta (63%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215E56 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 215E56 by changing the saturation by 10% instead.

 215E56

 215E56

FFFFFF

 00463F

 559188

 002F29

 6FABA2

 001C14

 8AC7BD

 000000


 A5E3D9

 C1FFF5

 DEFFFF

 FBFFFF

 215E56

 215E56

■ 185E55

■ 2A5E57

■ 0E5E54

■ 345E58

■ 055E52

■ 3D5E5A

■ 005E52

■ 475E5B

■ 505E5C

■ 595E5D

■ 635E5F

■ 6C5E60

■ 765E61

Harmonies

Analogous

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



375D44



215E56



125D67

Triad

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



215E56



594F72



6D4E36

Complementary

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



215E56



5E2129

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.



764942



215E56



6C4A65

Square

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



215E56



3F5677



764753



5E5432

Rectangle

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



215E56



1A5C70



764753



714C39

Sweetspot

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



215E56



637A77



295E21



2F3D3B



BDBDBD



3D3D3D

Same Dimension

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



215E56



1B7A6E



21485E



292E2D



006E5F



00EDCE

Inverse Universe

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



5E2129



7A1B27



5E3721



2E292A



6E000E



ED001F

Previews

White Background



This preview shows how the Hex color 215E56 looks on a white background.

Color Contrast Check

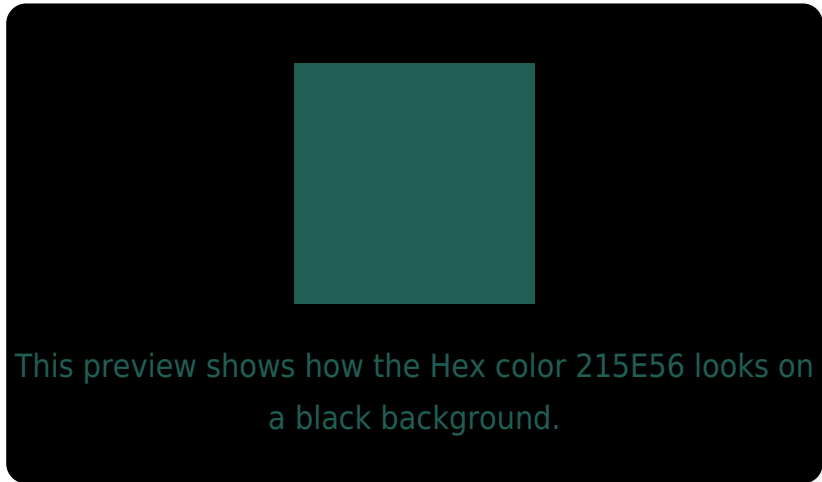
Large Text (above 18pt) WCAG AA ✓ Pass

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

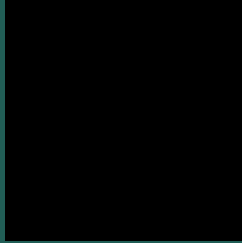
Any Text WCAG AA × Fail

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 215E56 Background



This preview shows how black text looks on a background with the Hex color 215E56.

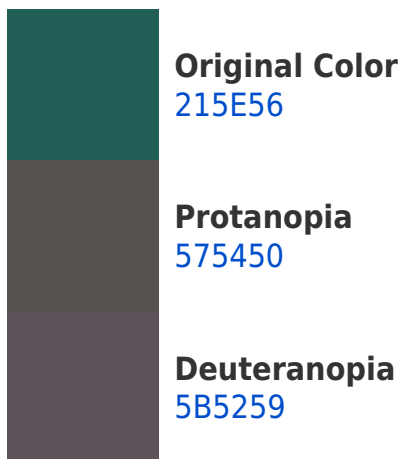



This preview shows how white text looks on a background with the Hex color 215E56.

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](#).

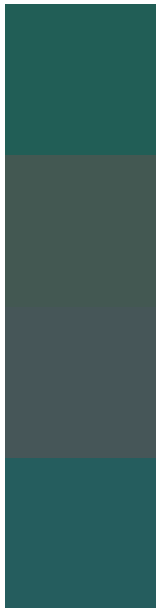
Dichromacy





Tritanopia
275C63

Trichromacy



Original Color
215E56

Protanomaly
435852

Deuteranomaly
465658

Tritanomaly
255D5E

Monochromacy



Original Color
215E56

Achromatopsia
4B4B4B

Achromatomaly
3C524F

CSS Examples

Text

The CSS property to change the color of the text to Hex 215E56 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 #215E56 looks like.

```
.text, #text, p{  
    color:#215E56  
}
```

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 #215E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215E56  
}
```

Border

The CSS property to change the border of an element to Hex 215E56 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  
#215E56 }
```

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

```
.border{ border-color:#215E56 }
```

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

Here you see how a box with a 4 pixel #215E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215E56; -webkit-box-shadow:4px 4px  
4px 4px #215E56; box-shadow:4px 4px 4px  
4px #215E56 }
```

Background

The CSS property to change the background color of an element to Hex 215E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215E56 }
```

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

```
.background{ background-color:#215E56 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor