

Converting Colors

Hex(215C5C)

Have a look what the booklet for
Hex(215C5C) contains.

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Color

Hex(215C5C)

Conversions

Conversions Part 1

Format	Color
Hex	215C5C
RGB	33, 92, 92
RGB Percent	13%, 36%, 36%
CMY	0.8706, 0.6392, 0.6392
CMYK	0.64, 0.00, 0.00, 0.64
HSL	180°, 47%, 25%
HSV	180°, 64%, 36%
XYZ	6.3861, 8.7503, 11.4776
YIQ	74.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

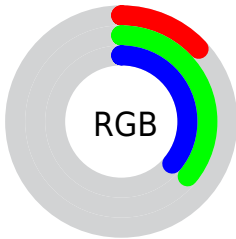
Format	Color
R_{YB}	33, 63, 92
Decimal	2186332
CIE _{Lab}	35.50, -18.71, -5.69
CIE _{LCh}	35, 19.555, 196.903
Yxy	8.7503, 0.2400, 0.3288
Android (android.graphics.Color)	4280376412 (0xFF215C5C)
YUV	74.3590, 8.6970, -36.2718
Hunter-Lab	29.5810, -13.2310, -2.2983




Details

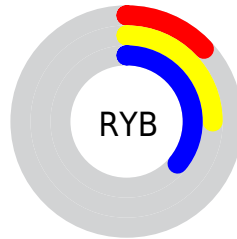
The Hex color **215C5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2121**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **568F8E**, and **002E2E** is the 20% darker color. If you saturate the color by 10%, you get **185C5C**, and if you desaturate by 10%, it is **2A5C5C**.

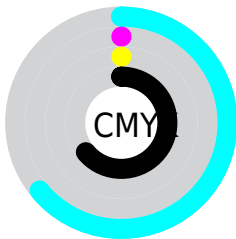
Distribution







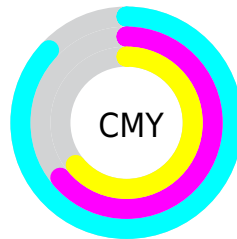
-  Red (13%)
-  Green (36%)
-  Blue (36%)






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



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




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

Brightness & Saturation Gradients

These gradients show how the Hex color 215C5C 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 215C5C by changing the saturation by 10% instead.

 215C5C

 215C5C

FFFFFF

 004445

 568F8E

 002E2E

 70A9A9

 001B1A

 8AC4C4

 000000


 A6E0E0

 C2FDFC

 DEFFFF

 FBFFFF

 215C5C

 215C5C

■ 185C5C

■ 2A5C5C

■ 0F5C5C

■ 335C5C

■ 055C5C

■ 3D5C5C

■ 005C5C

■ 465C5C

■ 4F5C5C

■ 585C5C

■ 615C5C

■ 6B5C5C

■ 745C5C

Harmonies

Analogous

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



315C4C



215C5C



215B6A

Triad

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



215C5C



604C69



645035

Complementary

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



215C5C



5C2121

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.



6F4B3D



215C5C



6E485B

Square

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



215C5C



4C5271



73484B



555535

Rectangle

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



215C5C



2C5870



73484B



684E37

Sweetspot

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



215C5C



617878



215C21



2F3D3D



BDBDBD



3D3D3D

Same Dimension

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



215C5C



1C7878



213F5C



292E2E



006E6E



00EDED

Inverse Universe

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



5C215C



781C78



5C3F21



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 215C5C looks on a white background.

Color Contrast Check

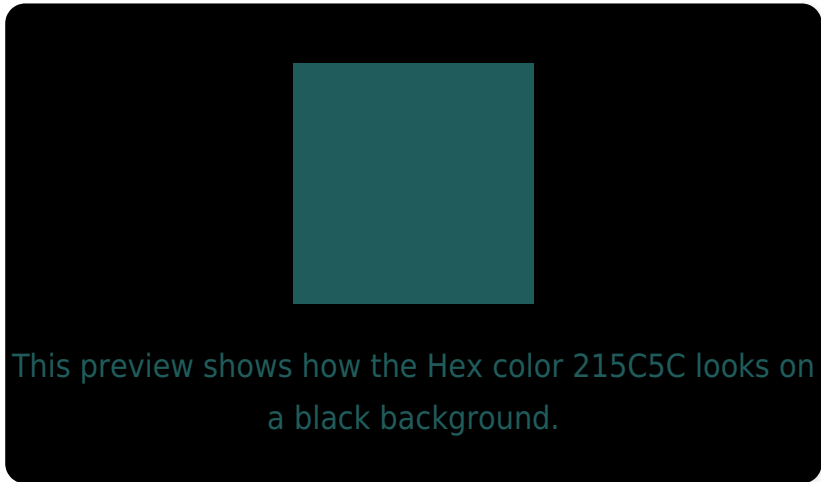
Large Text (above 18pt) WCAG AA ✓ Pass

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

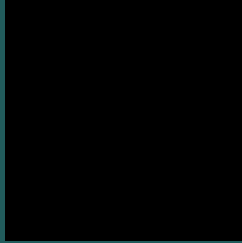
Any Text WCAG AA × Fail

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 215C5C Background



This preview shows how black text looks on a background with the Hex color 215C5C.



This preview shows how white text looks on a background with the Hex color 215C5C.

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
215C5C

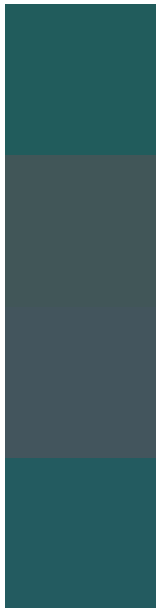
Protanopia
545356

Deuteranopia
56515E



Tritanopia
245B62

Trichromacy



Original Color
215C5C

Protanomaly
415658

Deuteranomaly
43555D

Tritanomaly
235B60

Monochromacy



Original Color
215C5C

Achromatopsia
4A4A4A

Achromatomaly
3B5151

CSS Examples

Text

The CSS property to change the color of the text to Hex 215C5C 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 #215C5C looks like.

```
.text, #text, p{  
    color:#215C5C  
}
```

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 #215C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215C5C
}
```

Border

The CSS property to change the border of an element to Hex 215C5C 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
#215C5C }
```

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

```
.border{ border-color:#215C5C }
```

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

Here you see how a box with a 4 pixel #215C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215C5C; -webkit-box-shadow:4px 4px  
4px 4px #215C5C; box-shadow:4px 4px 4px  
4px #215C5C }
```

Background

The CSS property to change the background color of an element to Hex 215C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215C5C }
```

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

```
.background{ background-color:#215C5C }
```

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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