

Converting Colors

Hex(215C38)

Have a look what the booklet for
Hex(215C38) contains.

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Color

Hex(215C38)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 215C38 |
| RGB | 33, 92, 56 |
| RGB Percent | 13%, 36%, 22% |
| CMY | 0.8706, 0.6392, 0.7804 |
| CMYK | 0.64, 0.00, 0.39, 0.64 |
| HSL | 143°, 47%, 25% |
| HSV | 143°, 64%, 36% |
| XYZ | 5.1682, 8.2631, 5.0639 |
| YIQ | 70.2550, -23.6080, -23.7040 |

Conversions

Conversions Part 2

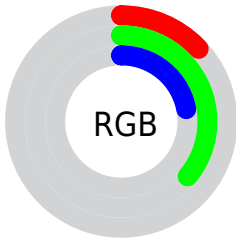
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 33, 75, 92 |
| Decimal | 2186296 |
| CIELab | 34.53, -28.36, 15.19 |
| CIELCh | 35, 32.167, 151.825 |
| Yxy | 8.2631, 0.2794, 0.4468 |
| Android (android.graphics.Color) | 4280376376 (0xFF215C38) |
| YUV | 70.2550, -7.0277, -32.6726 |
| Hunter-Lab | 28.7457, -18.2127, 9.6773 |

Details

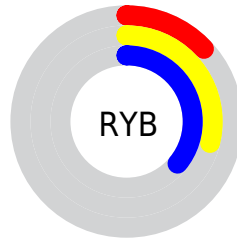
The Hex color **215C38** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C2145**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **548F67**, and **002D0D** is the 20% darker color. If you saturate the color by 10%, you get **185C32**, and if you desaturate by 10%, it is **2A5C3E**.

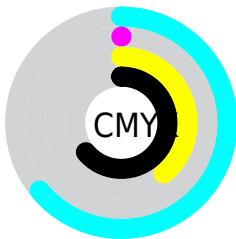
Distribution



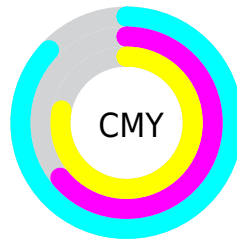
- Red (13%)
- Green (36%)
- Blue (22%)



- Red (13%)
- Yellow (29%)
- Blue (36%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (64%)



- Cyan (87%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215C38 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 215C38 by changing the saturation by 10% instead.



215C38



215C38

FFFFFF



024422



548F67



002D0D



6EAA80



001800



88C59A



000000



A3E1B5



BFFED1



DBFFED



F8FFFF



215C38



215C38

■ 185C32

■ 2A5C3E

■ 0F5C2D

■ 335C43

■ 055C27

■ 3D5C49

■ 005C24

■ 465C4E

■ 4F5C54

■ 585C5A

■ 615C5F

■ 6B5C65

■ 745C6B

Harmonies

Analogous

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



445824



215C38



005E52

Triad

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



215C38



225384



7F3E38

Complementary

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



215C38



5C2145

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.



803B51



215C38



554A7D

Square

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



215C38



005A7E



72406A



734724

Rectangle

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



215C38



005E63



72406A



813C40

Sweetspot

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



215C38



61786A



455C21



2F3D35



BDBDBD



3D3D3D

Same Dimension

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



215C38



1C7840



215C55



292E2B



006E2B



00ED5C

Inverse Universe

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



5C2145



781C54



5C2128



2E292C



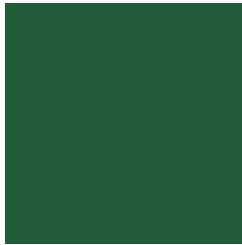
6E0043



ED0091

Previews

White Background



This preview shows how the Hex color 215C38 looks on a white background.

Color Contrast Check

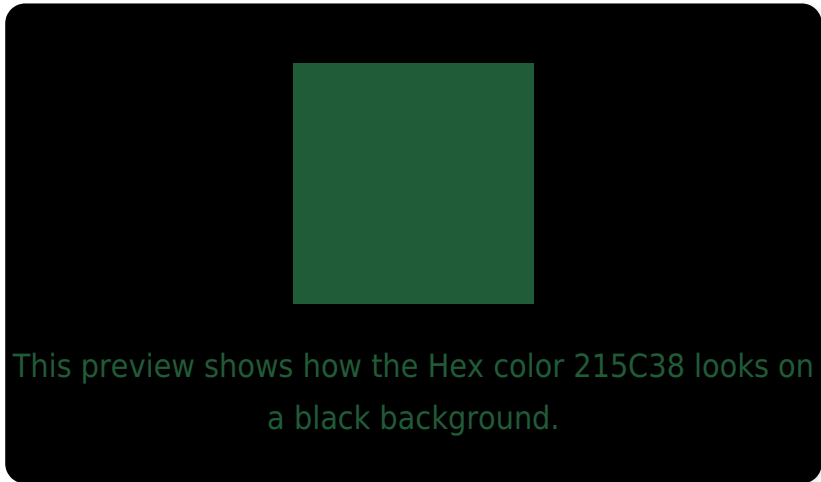
Large Text (above 18pt) WCAG AA ✓ Pass

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

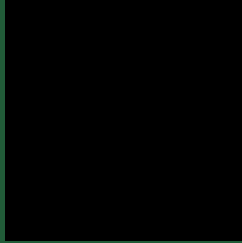
Any Text WCAG AA × Fail

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 215C38 Background



This preview shows how black text looks on a background with the Hex color 215C38.



This preview shows how white text looks on a background with the Hex color 215C38.

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
215C38

Protanopia
585134

Deuteranopia
604E3B

Trichromacy



Original Color
215C38

Protanomaly
445535

Deuteranomaly
49533A

Tritanomaly
295950

Monochromacy



Original Color
215C38

Achromatopsia
464646

Achromatomaly
394E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 215C38 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 #215C38 looks like.

```
.text, #text, p{  
    color:#215C38  
}
```

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 #215C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215C38
}
```

Border

The CSS property to change the border of an element to Hex 215C38 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
#215C38 }
```

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

```
.border{ border-color:#215C38 }
```

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

Here you see how a box with a 4 pixel #215C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215C38; -webkit-box-shadow:4px 4px  
4px 4px #215C38; box-shadow:4px 4px 4px  
4px #215C38 }
```

Background

The CSS property to change the background color of an element to Hex 215C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215C38 }
```

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

```
.background{ background-color:#215C38 }
```

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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