

Converting Colors

Hex(215A29)

Have a look what the booklet for
Hex(215A29) contains.

Hex(215A29)	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(215A29)

Conversions

Conversions Part 1

Format	Color
Hex	215A29
RGB	33, 90, 41
RGB Percent	13%, 35%, 16%
CMY	0.8706, 0.6471, 0.8392
CMYK	0.63, 0.00, 0.54, 0.65
HSL	128°, 46%, 24%
HSV	128°, 63%, 35%
XYZ	4.6836, 7.7958, 3.3557
YIQ	67.3710, -18.2430, -27.3230

Conversions

Conversions Part 2

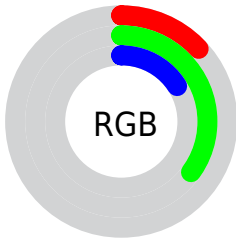
Format	Color
R_{YB}	33, 83, 90
Decimal	2185769
CIE _{Lab}	33.55, -30.29, 22.73
CIE _{LCh}	34, 37.868, 143.108
Yxy	7.7958, 0.2958, 0.4923
Android (android.graphics.Color)	4280375849 (0xFF215A29)
YUV	67.3710, -13.0009, -30.1434
Hunter-Lab	27.9209, -18.9190, 12.4188

Details

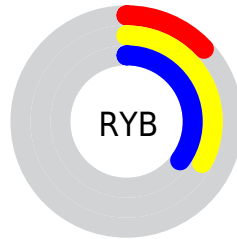
The Hex color **215A29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A2152**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **548D57**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **185A21**, and if you desaturate by 10%, it is **2A5A31**.

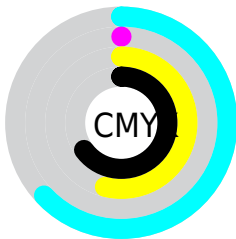
Distribution



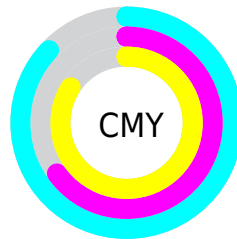
- Red (13%)
- Green (35%)
- Blue (16%)



- Red (13%)
- Yellow (33%)
- Blue (35%)



- Cyan (63%)
- Magenta (0%)
- Yellow (54%)
- Black (65%)





- Cyan (87%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215A29 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 215A29 by changing the saturation by 10% instead.

 215A29

 215A29

FFFFFF

 024213

 548D57

 002B00

 6EA770

 001500

 88C38A


 000000


 A3DFA4

 BFFCC0

 DBFFDC

 F8FFF8

 215A29

 215A29

■ 185A21

■ 2A5A31

■ 0F5A1A

■ 335A38

■ 065A12

■ 3C5A40

■ 005A0D

■ 455A48

■ 4E5A50

■ 575A57

■ 605A5F

■ 695A67

■ 725A6F

Harmonies

Analogous

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



485412



215A29



005D47

Triad

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



215A29



00548A



853539

Complementary

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



215A29



5A2152

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.



813357



215A29



434A86

Square

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



215A29



005B7E



6D3D73



7A3F1F

Rectangle

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



215A29



005D5C



6D3D73



863343

Sweetspot

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



215A29



5F7562



525A21



2D3B2F



BABABA



3B3B3B

Same Dimension

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



215A29



1C7529



215A45



292E2A



006E0F



00ED21

Inverse Universe

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



5A2152



751C69



5A2136



2E292D



6E005E



ED00CC

Previews

White Background



This preview shows how the Hex color 215A29 looks on a white background.

Color Contrast Check

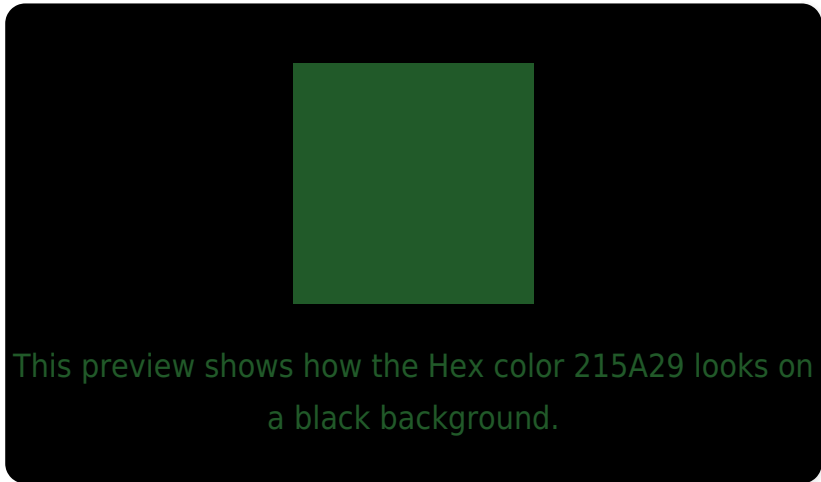
Large Text (above 18pt) WCAG AA ✓ Pass

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 215A29 Background



This preview shows how black text looks on a background with the Hex color 215A29.



This preview shows how white text looks on a background with the Hex color 215A29.

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
215A29

Protanopia
574F25

Deuteranopia
604B2D



Tritanopia
2F555B

Trichromacy



Original Color
215A29

Protanomaly
435326

Deuteranomaly
49502C

Tritanomaly
2A5749

Monochromacy



Original Color
215A29

Achromatopsia
434343

Achromatomaly
374B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 215A29 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 #215A29 looks like.

```
.text, #text, p{  
    color:#215A29  
}
```

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 #215A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215A29
}
```

Border

The CSS property to change the border of an element to Hex 215A29 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".

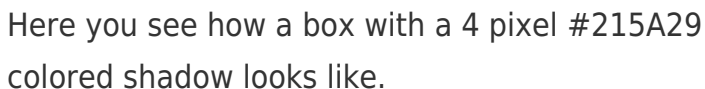
```
.border, #border, table{ border:4px solid
#215A29 }
```

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

```
.border{ border-color:#215A29 }
```

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

Here you see how a box with a 4 pixel #215A29 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215A29; -webkit-box-shadow:4px 4px  
4px 4px #215A29; box-shadow:4px 4px 4px  
4px #215A29 }
```

Background

The CSS property to change the background color of an element to Hex 215A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215A29 }
```

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

```
.background{ background-color:#215A29 }
```

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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