

Converting Colors

Hex(215B28)

Have a look what the booklet for
Hex(215B28) contains.

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Color

Hex(215B28)

Conversions

Conversions Part 1

Format	Color
Hex	215B28
RGB	33, 91, 40
RGB Percent	13%, 36%, 16%
CMY	0.8706, 0.6431, 0.8431
CMYK	0.64, 0.00, 0.56, 0.64
HSL	127°, 47%, 24%
HSV	127°, 64%, 36%
XYZ	4.7513, 7.9587, 3.2932
YIQ	67.8440, -18.1970, -28.1570

Conversions

Conversions Part 2

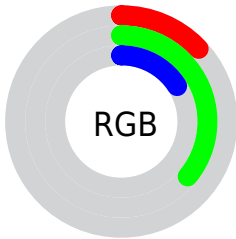
Format	Color
R_{YB}	33, 85, 91
Decimal	2186024
CIE Lab	33.90, -30.88, 23.71
CIE LCh	34, 38.939, 142.481
Yxy	7.9587, 0.2969, 0.4973
Android (android.graphics.Color)	4280376104 (0xFF215B28)
YUV	67.8440, -13.7271, -30.5582
Hunter-Lab	28.2112, -19.3068, 12.8266

Details

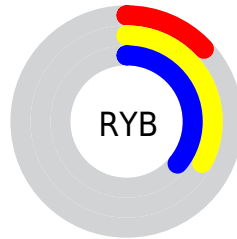
The Hex color **215B28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5B2154**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **548E57**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **185B20**, and if you desaturate by 10%, it is **2A5B30**.

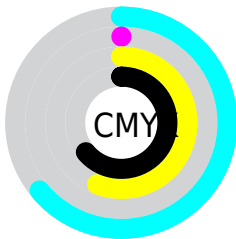
Distribution



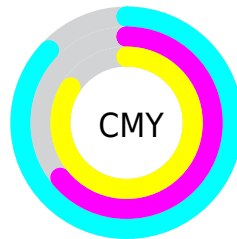
- Red (13%)
- Green (36%)
- Blue (16%)



- Red (13%)
- Yellow (33%)
- Blue (36%)



- Cyan (64%)
- Magenta (0%)
- Yellow (56%)
- Black (64%)





- Cyan (87%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 215B28 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 215B28 by changing the saturation by 10% instead.

 215B28

 215B28

FFFFFF

 014312

 548E57

 002C00

 6EA96F

 001600

 89C489


 000000


 A4E0A3

 BFFDBF

 DCFADB

 F9FFF7

 215B28

 215B28

 185B20

 2A5B30

 0F5B18

 335B38

 065B10

 3C5B40

 005B0B

 455B48

 4F5B50

 585B58

 615B60

 6A5B68

 735B70

Harmonies

Analogous

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



495510



215B28



005E47

Triad

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



215B28



00568D



87343A

Complementary

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



215B28



5B2154

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.



833359



215B28



424B89

Square

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



215B28



005C80



6E3D76



7C3F1F

Rectangle

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



215B28



005E5C



6E3D76



883244

Sweetspot

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



215B28



5F7562



545B21



2D3B2F



BABABA



3B3B3B

Same Dimension

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



215B28



1C7527



215B45



292E2A



006E0D



00ED1D

Inverse Universe

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



5B2154



751C6B



5B2137



2E292D



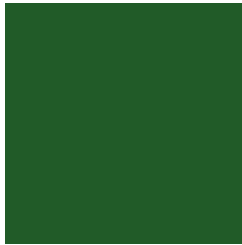
6E0060



ED00D1

Previews

White Background



This preview shows how the Hex color 215B28 looks on a white background.

Color Contrast Check

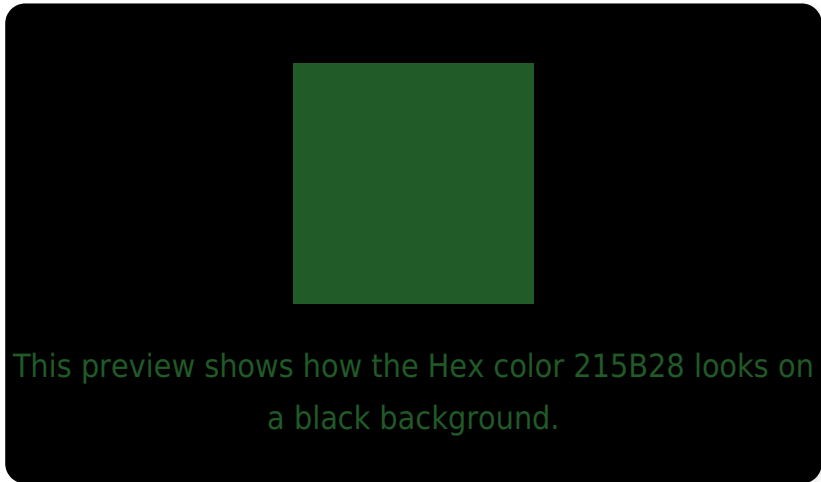
Large Text (above 18pt) WCAG AA ✓ Pass

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

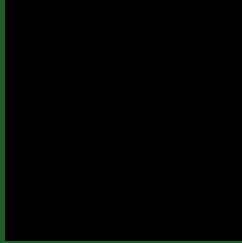
Any Text WCAG AA × Fail

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 215B28 Background



This preview shows how black text looks on a background with the Hex color 215B28.



This preview shows how white text looks on a background with the Hex color 215B28.

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](#).

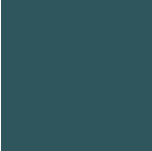
Dichromacy



Original Color
215B28

Protanopia
585024

Deuteranopia
614C2C



Tritanopia
2F565C

Trichromacy



Original Color
215B28

Protanomaly
445425

Deuteranomaly
4A512B

Tritanomaly
2A5849

Monochromacy



Original Color
215B28

Achromatopsia
444444

Achromatomaly
374C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 215B28 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 #215B28 looks like.

```
.text, #text, p{  
    color:#215B28  
}
```

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 #215B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215B28
}
```

Border

The CSS property to change the border of an element to Hex 215B28 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".

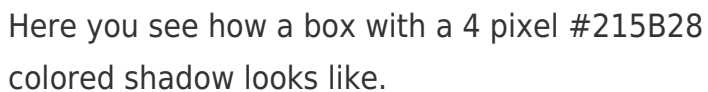
```
.border, #border, table{ border:4px solid
#215B28 }
```

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

```
.border{ border-color:#215B28 }
```

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

Here you see how a box with a 4 pixel #215B28 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215B28; -webkit-box-shadow:4px 4px  
4px 4px #215B28; box-shadow:4px 4px 4px  
4px #215B28 }
```

Background

The CSS property to change the background color of an element to Hex 215B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215B28 }
```

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

```
.background{ background-color:#215B28 }
```

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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