

# Converting Colors

Hex(215D28)

Have a look what the booklet for  
Hex(215D28) contains.

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# Color

**Hex(215D28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	215D28
RGB	33, 93, 40
RGB Percent	13%, 36%, 16%
CMY	0.8706, 0.6353, 0.8431
CMYK	0.65, 0.00, 0.57, 0.64
HSL	127°, 48%, 25%
HSV	127°, 65%, 36%
XYZ	4.9246, 8.3052, 3.3510
YIQ	69.0180, -18.7470, -29.2030

# Conversions

## Conversions Part 2

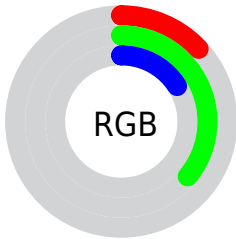
Format	Color
<b>R<sub>YB</sub></b>	33, 87, 93
Decimal	2186536
CIE <sub>Lab</sub>	34.61, -31.75, 24.58
CIE <sub>LCh</sub>	35, 40.154, 142.249
Yxy	8.3052, 0.2970, 0.5009
Android (android.graphics.Color)	4280376616 (0xFF215D28)
YUV	69.0180, -14.3059, -31.5878
Hunter-Lab	28.8188, -19.9309, 13.2790

# Details

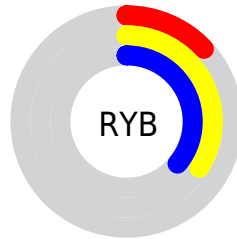
The Hex color **215D28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D2156**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **559057**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **185D20**, and if you desaturate by 10%, it is **2A5D30**.

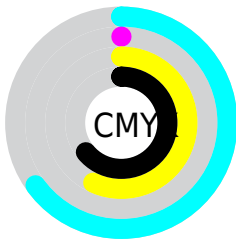
# Distribution



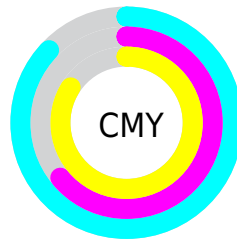
- Red (13%)
- Green (36%)
- Blue (16%)



- Red (13%)
- Yellow (34%)
- Blue (36%)



- Cyan (65%)
- Magenta (0%)
- Yellow (57%)
- Black (64%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 215D28 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 215D28 by changing the saturation by 10% instead.



 215D28

 215D28

FFFFFF

 014512

 559057

 002E00

 6FAB6F

 001900

 89C689


 000000


 A4E2A4

 C0FFBF

 DDFFD8

 FAF7F7

 215D28

 215D28

■ 185D20

■ 2A5D30

■ 0E5D18

■ 345D38

■ 055D0F

■ 3D5D41

■ 005D0B

■ 465D49

■ 505D51

■ 595D59

■ 625D62

■ 6B5D6A

■ 755D72

# Harmonies

## Analogous

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



4B570F



215D28



006048

# Triad

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



215D28



005891



8B353B

# Complementary

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



215D28



5D2156

# 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.



87345B



215D28



424C8D

# Square

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



215D28



005E83



703E79



7F401F

# Rectangle

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



215D28



00615E



703E79



8B3346



# Sweetspot

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



215D28



617864



565D21



2F3D31



BDBDBD



3D3D3D



# Same Dimension

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



215D28



1C7826



215D46



292E2A



006E0D



00ED1C



# Inverse Universe

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



5D2156



781C6D



5D2138



2E292D



6E0061

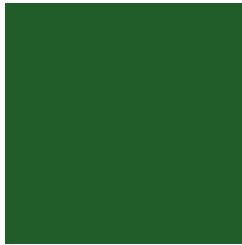


ED00D1



# Previews

## White Background



This preview shows how the Hex color 215D28 looks on a white background.

## Color Contrast Check

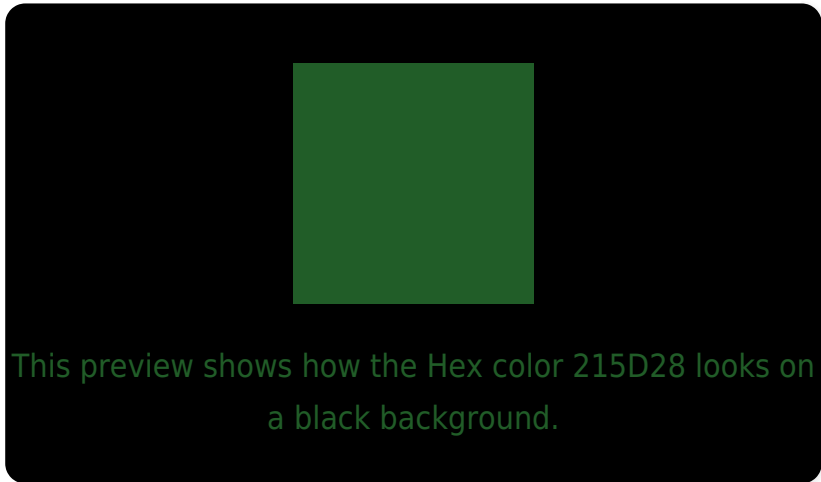
Large Text (above 18pt) WCAG AA ✓ Pass

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

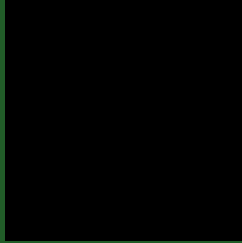
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 215D28 Background



This preview shows how black text looks on a background with the Hex color 215D28.



This preview shows how white text looks on a background with the Hex color 215D28.

# 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**  
215D28

**Protanopia**  
5A5124

**Deuteranopia**  
634D2C



**Tritanopia**  
30575E

# Trichromacy



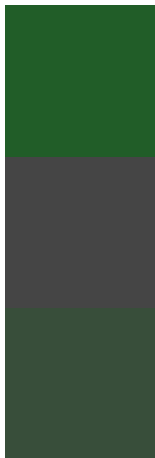
**Original Color**  
215D28

**Protanomaly**  
455525

**Deuteranomaly**  
4B532B

**Tritanomaly**  
2B594A

# Monochromacy



**Original Color**  
215D28

**Achromatopsia**  
454545

**Achromatomaly**  
384E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 215D28 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 #215D28 looks like.

```
.text, #text, p{  
    color:#215D28  
}
```

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 #215D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215D28
}
```

## Border

The CSS property to change the border of an element to Hex 215D28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

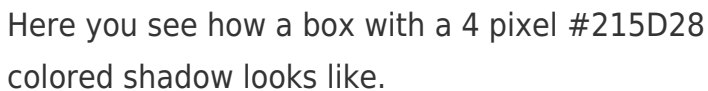
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#215D28 }
```

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

```
.border{ border-color:#215D28 }
```

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



Here you see how a box with a 4 pixel #215D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215D28; -webkit-box-shadow:4px 4px  
4px 4px #215D28; box-shadow:4px 4px 4px  
4px #215D28 }
```

# Background

The CSS property to change the background color of an element to Hex 215D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215D28 }
```

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

```
.background{ background-color:#215D28 }
```

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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