

Converting Colors

Hex(225D25)

Have a look what the booklet for
Hex(225D25) contains.

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Color

Hex(225D25)

Conversions

Conversions Part 1

Format	Color
Hex	225D25
RGB	34, 93, 37
RGB Percent	13%, 36%, 15%
CMY	0.8667, 0.6353, 0.8549
CMYK	0.63, 0.00, 0.60, 0.64
HSL	123°, 46%, 25%
HSV	123°, 63%, 36%
XYZ	4.9080, 8.3024, 3.0941
YIQ	68.9750, -17.1880, -29.9240

Conversions

Conversions Part 2

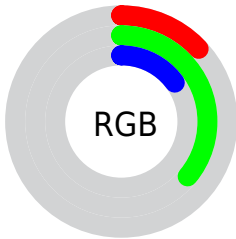
Format	Color
RYB	34, 90, 93
Decimal	2252069
CIELab	34.60, -31.93, 26.22
CIElCh	35, 41.318, 140.613
Yxy	8.3024, 0.3010, 0.5092
Android (android.graphics.Color)	4280442149 (0xFF225D25)
YUV	68.9750, -15.7637, -30.6731
Hunter-Lab	28.8138, -20.0196, 13.8029

Details

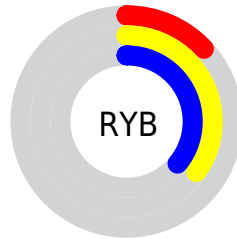
The Hex color **225D25** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D225A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **569054**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **195D1C**, and if you desaturate by 10%, it is **2B5D2E**.

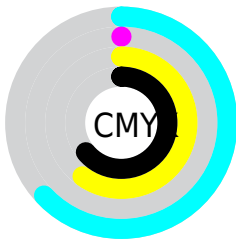
Distribution



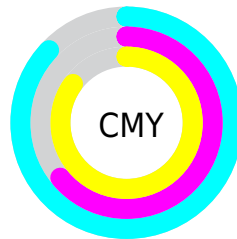
- Red (13%)
- Green (36%)
- Blue (15%)



- Red (13%)
- Yellow (35%)
- Blue (36%)



- Cyan (63%)
- Magenta (0%)
- Yellow (60%)
- Black (64%)



- Cyan (87%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225D25 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 225D25 by changing the saturation by 10% instead.

 225D25

 225D25

FFFFFF

 02450E

 569054

 002E00

 70AB6C

 001900

 8AC686

 000000

 A5E2A0

 C1FFBC

 DEFFD8

 FBFFF4

 225D25

 225D25

■ 195D1C

■ 2B5D2E

■ 0F5D13

■ 355D37

■ 065D0B

■ 3E5D3F

■ 005D05

■ 475D48

■ 515D51

■ 5A5D5A

■ 635D63

■ 6C5D6C

■ 765D74

Harmonies

Analogous

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



4C570A



225D25



006046

Triad

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



225D25



005892



8C333C

Complementary

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



225D25



5D225A

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.



87335D



225D25



3D4D8F

Square

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



225D25



005F84



6F3E7C



813F1F

Rectangle

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



225D25



00615C



6F3E7C



8D3147

Sweetspot

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



225D25



617862



5A5D22



2F3D30



BDBDBD



3D3D3D

Same Dimension

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



225D25



1D7821



225D42



292E2A



006E06



00ED0C

Inverse Universe

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



5D225A



781D73



5D223D



2E292E



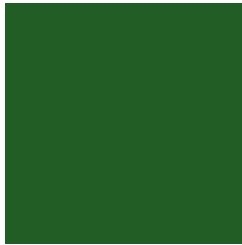
6E0068



ED00E1

Previews

White Background



This preview shows how the Hex color 225D25 looks on a white background.

Color Contrast Check

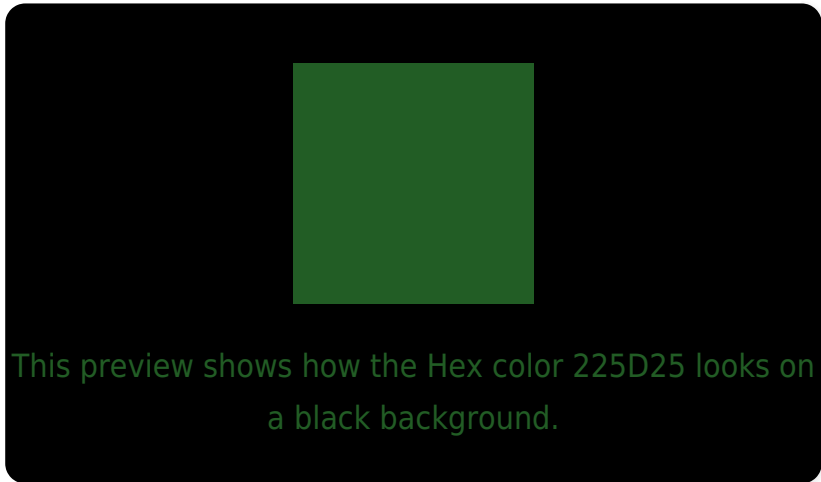
Large Text (above 18pt) WCAG AA ✓ Pass

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

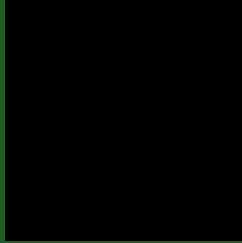
Any Text WCAG AA × Fail

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 225D25 Background



This preview shows how black text looks on a background with the Hex color 225D25.



This preview shows how white text looks on a background with the Hex color 225D25.

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
225D25

Protanopia
5A5121

Deuteranopia
644D2A

Trichromacy



Original Color
225D25

Protanomaly
465522

Deuteranomaly
4C5328

Tritanomaly
2C5949

Monochromacy



Original Color
225D25

Achromatopsia
454545

Achromatomaly
384E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 225D25 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 #225D25 looks like.

```
.text, #text, p{  
    color:#225D25  
}
```

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 #225D25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225D25
}
```

Border

The CSS property to change the border of an element to Hex 225D25 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".

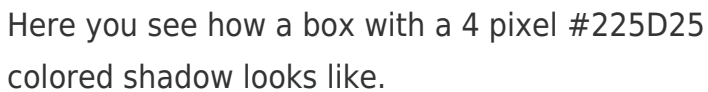
```
.border, #border, table{ border:4px solid
#225D25 }
```

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

```
.border{ border-color:#225D25 }
```

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

Here you see how a box with a 4 pixel #225D25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225D25; -webkit-box-shadow:4px 4px  
4px 4px #225D25; box-shadow:4px 4px 4px  
4px #225D25 }
```

Background

The CSS property to change the background color of an element to Hex 225D25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225D25 }
```

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

```
.background{ background-color:#225D25 }
```

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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