

Converting Colors

Hex(255C25)

Have a look what the booklet for
Hex(255C25) contains.

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Color

Hex(255C25)

Conversions

Conversions Part 1

Format	Color
Hex	255C25
RGB	37, 92, 37
RGB Percent	15%, 36%, 15%
CMY	0.8549, 0.6392, 0.8549
CMYK	0.60, 0.00, 0.60, 0.64
HSL	120°, 43%, 25%
HSV	120°, 60%, 36%
XYZ	4.9240, 8.1812, 3.0699
YIQ	69.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

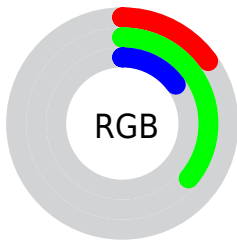
Format	Color
R_{YB}	37, 92, 92
Decimal	2448421
CIE _{Lab}	34.36, -30.66, 25.95
CIE _{LCh}	34, 40.172, 139.759
Yxy	8.1812, 0.3044, 0.5058
Android (android.graphics.Color)	4280638501 (0xFF255C25)
YUV	69.2850, -15.9165, -28.3139
Hunter-Lab	28.6028, -19.3257, 13.6585




Details

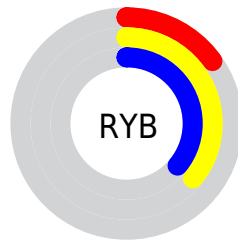
The Hex color **255C25** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C255C**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **588F54**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **1C5C1C**, and if you desaturate by 10%, it is **2E5C2E**.

Distribution







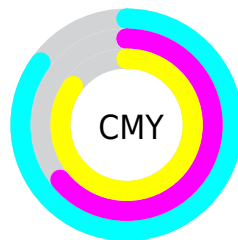
-  Red (15%)
-  Green (36%)
-  Blue (15%)






-  Red (15%)
-  Yellow (36%)
-  Blue (36%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 255C25 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 255C25 by changing the saturation by 10% instead.



255C25



255C25

FFFFFF



07440F



588F54



002D00



72AA6C



001800



8CC586



000000



A7E1A0



C3FEBC



E0FFD7



FDFFF4



255C25



255C25

■ 1C5C1C

■ 2E5C2E

■ 135C13

■ 375C37

■ 095C09

■ 415C41

■ 005C00

■ 4A5C4A

■ 535C53

■ 5C5C5C

■ 655C65

■ 6F5C6F

■ 785C78

Harmonies

Analogous

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



4D560C



255C25



005F44

Triad

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



255C25



005890



8A333D

Complementary

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



255C25



5C255C

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.



85335D



255C25



3C4D8D

Square

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



255C25



005E81



6D3F7A



803E21

Rectangle

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



255C25



00605B



6D3F7A



8A3248

Sweetspot

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



255C25



627862



5C5C25



303D30



BDBDBD



3D3D3D

Same Dimension

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



255C25



227822



255C41



292E29



006E00



00ED00

Inverse Universe

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



5C255C



782278



5C2541



2E292E



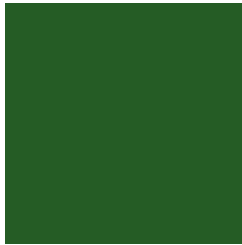
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 255C25 looks on a white background.

Color Contrast Check

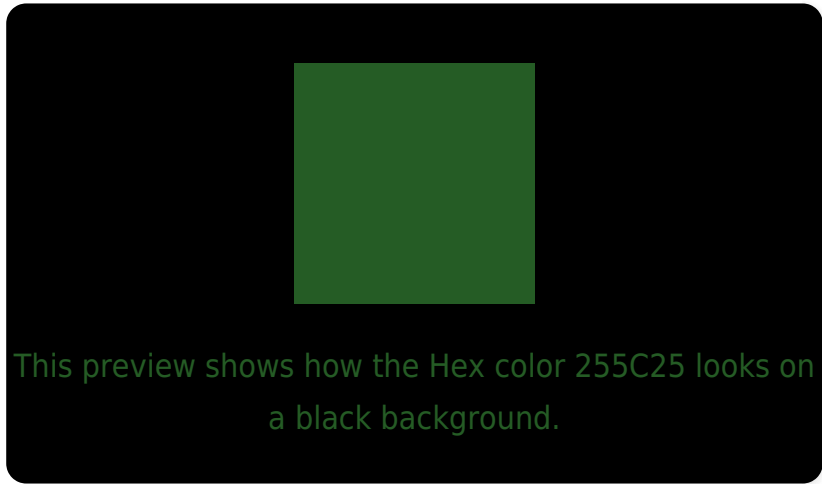
Large Text (above 18pt) WCAG AA ✓ Pass

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 255C25 Background



This preview shows how black text looks on a background with the Hex color 255C25.



This preview shows how white text looks on a background with the Hex color 255C25.

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
255C25

Protanopia
5A5122

Deuteranopia
634D29

Trichromacy



Original Color
255C25

Protanomaly
475523

Deuteranomaly
4C5228

Tritanomaly
2D5849

Monochromacy



Original Color
255C25

Achromatopsia
454545

Achromatomaly
394D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 255C25 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 #255C25 looks like.

```
.text, #text, p{  
    color:#255C25  
}
```

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 #255C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255C25  
}
```

Border

The CSS property to change the border of an element to Hex 255C25 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  
#255C25 }
```

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

```
.border{ border-color:#255C25 }
```

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

Here you see how a box with a 4 pixel #255C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255C25; -webkit-box-shadow:4px 4px  
4px 4px #255C25; box-shadow:4px 4px 4px  
4px #255C25 }
```

Background

The CSS property to change the background color of an element to Hex 255C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255C25 }
```

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

```
.background{ background-color:#255C25 }
```

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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