

Converting Colors

Hex(255C4B)

Have a look what the booklet for
Hex(255C4B) contains.

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Color

Hex(255C4B)

Conversions

Conversions Part 1

Format	Color
Hex	255C4B
RGB	37, 92, 75
RGB Percent	15%, 36%, 29%
CMY	0.8549, 0.6392, 0.7059
CMYK	0.60, 0.00, 0.18, 0.64
HSL	161°, 43%, 25%
HSV	161°, 60%, 36%
XYZ	5.8601, 8.5556, 7.9991
YIQ	73.6170, -27.3230, -16.9470

Conversions

Conversions Part 2

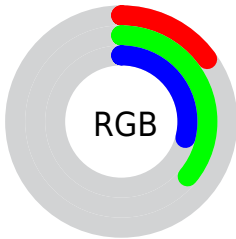
Format	Color
RYB	37, 70, 92
Decimal	2448459
CIELab	35.11, -22.79, 4.36
CIElCh	35, 23.207, 169.162
Yxy	8.5556, 0.2614, 0.3817
Android (android.graphics.Color)	4280638539 (0xFF255C4B)
YUV	73.6170, 0.6818, -32.1131
Hunter-Lab	29.2500, -15.4258, 4.2606

Details

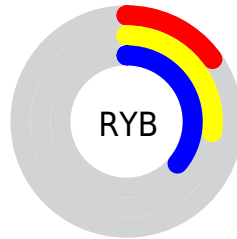
The Hex color **255C4B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2536**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **588F7C**, and **002D1F** is the 20% darker color. If you saturate the color by 10%, you get **1C5C48**, and if you desaturate by 10%, it is **2E5C4E**.

Distribution



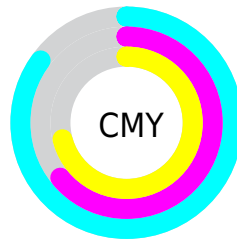
- Red (15%)
- Green (36%)
- Blue (29%)



- Red (15%)
- Yellow (27%)
- Blue (36%)



- Cyan (60%)
- Magenta (0%)
- Yellow (18%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255C4B 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 255C4B by changing the saturation by 10% instead.

 255C4B

 255C4B

FFFFFF

 08443A

 588F7C

 002D1F

 71A996

 001B07

 8CC5B0

 000000

 A7E1CC

 C2FDE8

 DFFFFFF

 FFFFFFF

 255C4B

 255C4B

■ 1C5C48

■ 2E5C4E

■ 135C45

■ 375C51

■ 095C42

■ 415C54

■ 005C40

■ 4A5C56

■ 535C59

■ 5C5C5C

■ 655C5F

■ 6F5C62

■ 785C65

Harmonies

Analogous

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



3E5A3A



255C4B



045C5E

Triad

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



255C4B



4B5075



714937

Complementary

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



255C4B



5C2536

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.



774547



255C4B



63496B

Square

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



255C4B



2B5677



72455A



654F2E

Rectangle

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



255C4B



005B69



72455A



74473C

Sweetspot

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



255C4B



627871



365C25



303D39



BDBDBD



3D3D3D

Same Dimension

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



255C4B



22785D



25525C



292E2C



006E4C



00EDA4

Inverse Universe

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



5C2536



78223C



5C2F25



2E292B



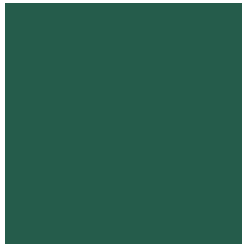
6E0022



ED0049

Previews

White Background



This preview shows how the Hex color 255C4B looks on a white background.

Color Contrast Check

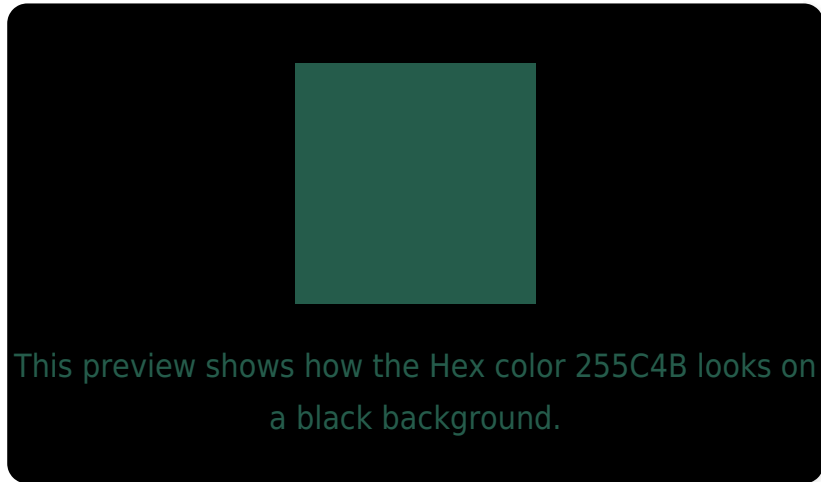
Large Text (above 18pt) WCAG AA ✓ Pass

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

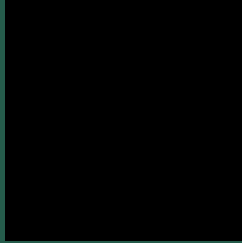
Any Text WCAG AA × Fail

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 255C4B Background



This preview shows how black text looks on a background with the Hex color 255C4B.

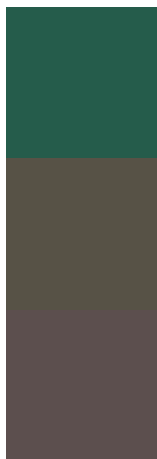


This preview shows how white text looks on a background with the Hex color 255C4B.

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
255C4B

Protanopia
575246

Deuteranopia
5C4F4E



Tritanopia
2D5960

Trichromacy



Original Color
255C4B

Protanomaly
455648

Deuteranomaly
48544D

Tritanomaly
2A5A58

Monochromacy



Original Color
255C4B

Achromatopsia
4A4A4A

Achromatomaly
3D514A

CSS Examples

Text

The CSS property to change the color of the text to Hex 255C4B 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 #255C4B looks like.

```
.text, #text, p{  
    color:#255C4B  
}
```

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 #255C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255C4B
}
```

Border

The CSS property to change the border of an element to Hex 255C4B 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
#255C4B }
```

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

```
.border{ border-color:#255C4B }
```

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

Here you see how a box with a 4 pixel #255C4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255C4B; -webkit-box-shadow:4px 4px  
4px 4px #255C4B; box-shadow:4px 4px 4px  
4px #255C4B }
```

Background

The CSS property to change the background color of an element to Hex 255C4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255C4B }
```

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

```
.background{ background-color:#255C4B }
```

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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