

Converting Colors

Hex(255519)

Have a look what the booklet for
Hex(255519) contains.

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Color

Hex(255519)

Conversions

Conversions Part 1

Format	Color
Hex	255519
RGB	37, 85, 25
RGB Percent	15%, 33%, 10%
CMY	0.8549, 0.6667, 0.9020
CMYK	0.56, 0.00, 0.71, 0.67
HSL	108°, 55%, 22%
HSV	108°, 71%, 33%
XYZ	4.1869, 6.9605, 2.0425
YIQ	63.8080, -9.3480, -28.8360

Conversions

Conversions Part 2

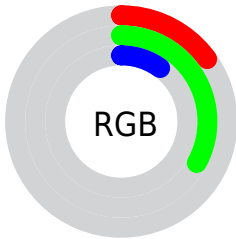
Format	Color
RYB	25, 85, 73
Decimal	2446617
CIELab	31.72, -29.09, 29.13
CIElCh	32, 41.167, 134.962
Yxy	6.9605, 0.3174, 0.5277
Android (android.graphics.Color)	4280636697 (0xFF255519)
YUV	63.8080, -19.1323, -23.5106
Hunter-Lab	26.3828, -17.8421, 13.8777

Details

The Hex color **255519** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **491955**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **578747**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **1E5510**, and if you desaturate by 10%, it is **2C5521**.

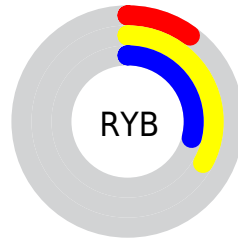
Distribution



Red (15%)

Green (33%)

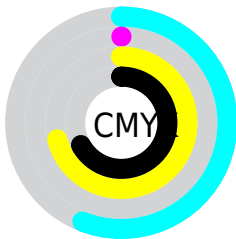
Blue (10%)



Red (10%)

Yellow (33%)

Blue (29%)

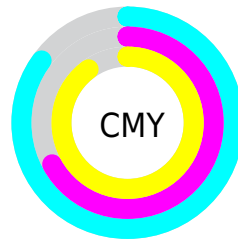


Cyan (56%)

Magenta (0%)

Yellow (71%)

Black (67%)



Cyan (85%)

Magenta (67%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255519 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 255519 by changing the saturation by 10% instead.

 255519

 255519

FFFFFF

 093D00

 578747

 002700

 71A260

 000C00

 8BBD79

 000000

 A6D993

 C2F5AE

 DEFFCA

 FBFEE6

 255519

 255519

■ 1E5510

■ 2C5521

■ 175508

■ 33552A

■ 115500

■ 395532

■ 40553B

■ 475543

■ 4E554C

■ 555554

■ 5B555D

■ 625565

Harmonies

Analogous

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



4B4E00



255519



005939

Triad

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



255519



005389



842B3C

Complementary

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



255519



491955

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.



7C2D5C



255519



264989

Square

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



255519



005878



603B79



7C351E

Rectangle

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



255519



005A4F



603B79



842A47

Sweetspot

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



255519



5B6E57



554919



2D382A



B8B8B8



383838

Same Dimension

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



255519



236E10



19552B



282B27



156B00



2FEB00

Inverse Universe

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



491955



5B106E



551943



2A272B



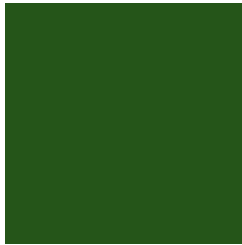
56006B



BC00EB

Previews

White Background



This preview shows how the Hex color 255519 looks on a white background.

Color Contrast Check

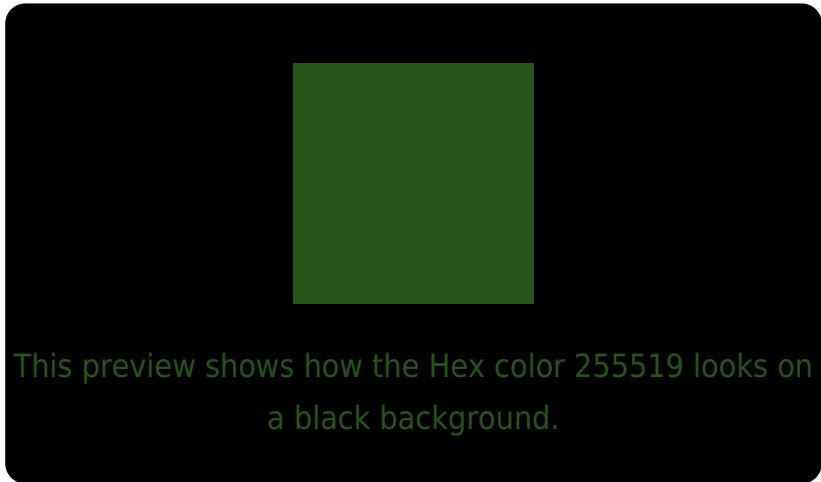
Large Text (above 18pt) WCAG AA ✓ Pass

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

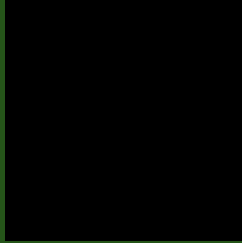
Any Text WCAG AA × Fail

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 255519 Background



This preview shows how black text looks on a background with the Hex color 255519.



This preview shows how white text looks on a background with the Hex color 255519.

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](#).

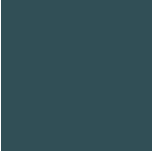
Dichromacy



Original Color
255519

Protanopia
534B16

Deuteranopia
5D471E



Tritanopia
314F56

Trichromacy



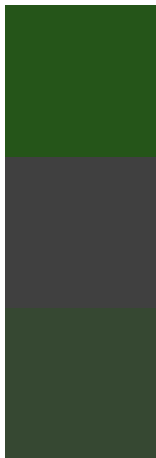
Original Color
255519

Protanomaly
424F17

Deuteranomaly
494C1C

Tritanomaly
2D5140

Monochromacy



Original Color
255519

Achromatopsia
404040

Achromatomaly
364832

CSS Examples

Text

The CSS property to change the color of the text to Hex 255519 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 #255519 looks like.

```
.text, #text, p{  
    color:#255519  
}
```

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 #255519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255519
}
```

Border

The CSS property to change the border of an element to Hex 255519 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".

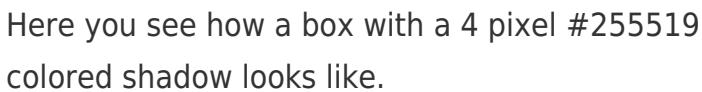
```
.border, #border, table{ border:4px solid
#255519 }
```

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

```
.border{ border-color:#255519 }
```

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

Here you see how a box with a 4 pixel #255519 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255519; -webkit-box-shadow:4px 4px  
4px 4px #255519; box-shadow:4px 4px 4px  
4px #255519 }
```

Background

The CSS property to change the background color of an element to Hex 255519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255519 }
```

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

```
.background{ background-color:#255519 }
```

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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