

Converting Colors

Hex(255117)

Have a look what the booklet for
Hex(255117) contains.

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Color

Hex(255117)

Conversions

Conversions Part 1

Format	Color
Hex	255117
RGB	37, 81, 23
RGB Percent	15%, 32%, 9%
CMY	0.8549, 0.6824, 0.9098
CMYK	0.54, 0.00, 0.72, 0.68
HSL	106°, 56%, 20%
HSV	106°, 72%, 32%
XYZ	3.8600, 6.3400, 1.8309
YIQ	61.2320, -7.6060, -27.3660

Conversions

Conversions Part 2

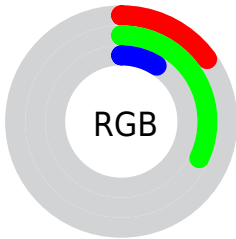
Format	Color
RYB	23, 81, 67
Decimal	2445591
CIELab	30.25, -27.51, 28.51
CIELCh	30, 39.618, 133.975
Yxy	6.3400, 0.3208, 0.5270
Android (android.graphics.Color)	4280635671 (0xFF255117)
YUV	61.2320, -18.8484, -21.2515
Hunter-Lab	25.1794, -16.6998, 13.3143

Details

The Hex color **255117** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **431751**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **578345**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **1F510F**, and if you desaturate by 10%, it is **2B511F**.

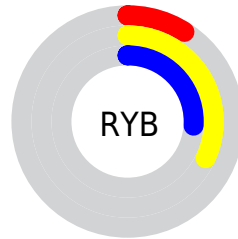
Distribution



Red (15%)

Green (32%)

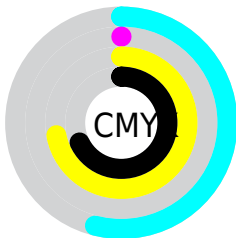
Blue (9%)



Red (9%)

Yellow (32%)

Blue (26%)

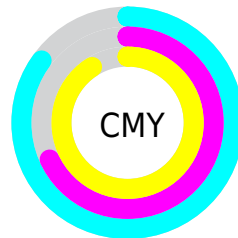


Cyan (54%)

Magenta (0%)

Yellow (72%)

Black (68%)



Cyan (85%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255117 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 255117 by changing the saturation by 10% instead.

 255117

 255117

FFFFFF

 0B3A00

 578345

 002400

 709D5D

 000200

 8AB877

 000000

 A5D491

 C1F0AB

 DDFFC7

 FAFFE3

 255117

 255117

■ 1F510F

■ 2B511F

■ 195107

■ 315127

■ 145100

■ 37512F

■ 3E5137

■ 445140

■ 4A5148

■ 505150

■ 565158

■ 5C5160

Harmonies

Analogous

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



494A00



255117



005535

Triad

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



255117



004F83



7F293A

Complementary

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



255117



431751

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.



762B59



255117



214683

Square

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



255117



005471



5B3874



77331D

Rectangle

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



255117



00564B



5B3874



7E2844

Sweetspot

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



255117



586953



514217



2B3628



B5B5B5



363636

Same Dimension

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



255117



24690F



175126



262925



196900



38E800

Inverse Universe

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



431751



530F69



511742



282529



4F0069



B000E8

Previews

White Background



This preview shows how the Hex color 255117 looks on a white background.

Color Contrast Check

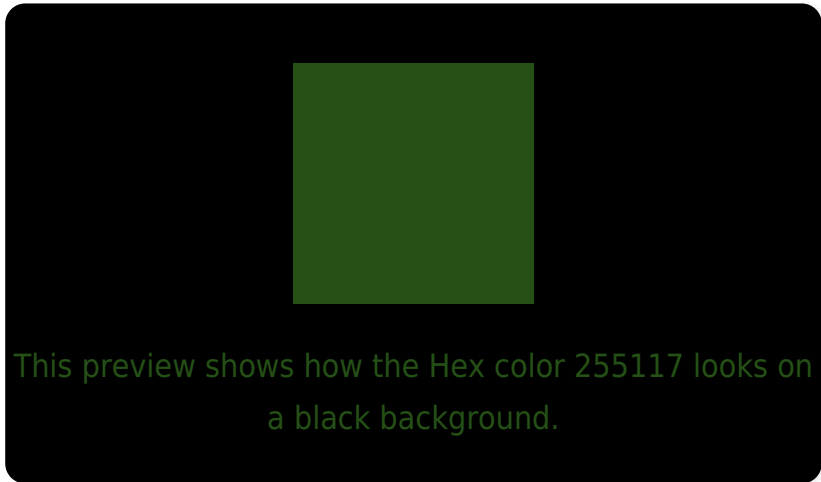
Large Text (above 18pt) WCAG AA ✓ Pass

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

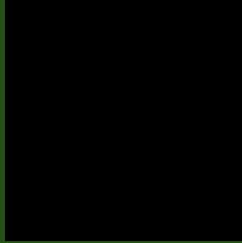
Any Text WCAG AA × Fail

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 255117 Background



This preview shows how black text looks on a background with the Hex color 255117.



This preview shows how white text looks on a background with the Hex color 255117.

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](#).

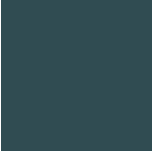
Dichromacy



Original Color
255117

Protanopia
504714

Deuteranopia
58441C



Tritanopia
304C52

Trichromacy



Original Color
255117

Protanomaly
404B15

Deuteranomaly
45491A

Tritanomaly
2C4E3D

Monochromacy



Original Color
255117

Achromatopsia
3D3D3D

Achromatomaly
34442F

CSS Examples

Text

The CSS property to change the color of the text to Hex 255117 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 #255117 looks like.

```
.text, #text, p{  
    color:#255117  
}
```

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 #255117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255117
}
```

Border

The CSS property to change the border of an element to Hex 255117 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
#255117 }
```

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

```
.border{ border-color:#255117 }
```

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

Here you see how a box with a 4 pixel #255117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255117; -webkit-box-shadow:4px 4px  
4px 4px #255117; box-shadow:4px 4px 4px  
4px #255117 }
```

Background

The CSS property to change the background color of an element to Hex 255117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255117 }
```

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

```
.background{ background-color:#255117 }
```

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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