

# Converting Colors

Hex(115338)

Have a look what the booklet for  
Hex(115338) contains.

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# Color

Hex(115338)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	115338
RGB	17, 83, 56
RGB Percent	7%, 33%, 22%
CMY	0.9333, 0.6745, 0.7804
CMYK	0.80, 0.00, 0.33, 0.67
HSL	155°, 66%, 20%
HSV	155°, 80%, 33%
XYZ	4.0382, 6.5912, 4.8008
YIQ	60.1880, -30.6690, -22.3890

# Conversions

## Conversions Part 2

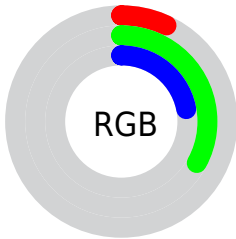
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 58, 83
Decimal	1135416
CIE <sub>Lab</sub>	30.86, -27.50, 10.13
CIE <sub>LCh</sub>	31, 29.310, 159.774
Yxy	6.5912, 0.2617, 0.4272
Android (android.graphics.Color)	4279325496 (0xFF115338)
YUV	60.1880, -2.0647, -37.8759
Hunter-Lab	25.6733, -16.8516, 6.8844

# Details

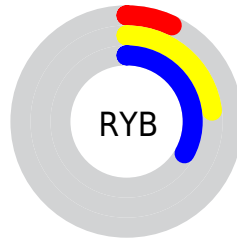
The Hex color **115338** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53112C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **478567**, and **00260D** is the 20% darker color. If you saturate the color by 10%, you get **095335**, and if you desaturate by 10%, it is **19533B**.

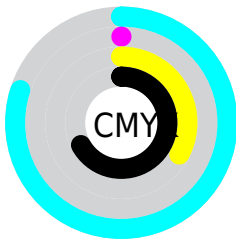
# Distribution



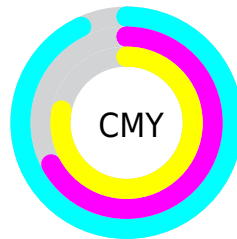
- Red (7%)
- Green (33%)
- Blue (22%)



- Red (7%)
- Yellow (23%)
- Blue (33%)



- Cyan (80%)
- Magenta (0%)
- Yellow (33%)
- Black (67%)




- Cyan (93%)
- Magenta (67%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 115338 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 115338 by changing the saturation by 10% instead.



 115338

 115338

FFFFFF

 003B22

 478567

 00260D

 61A080

 000600

 7BBB9A


 000000


 96D7B5

 B1F3D0

 CDF FED

 EAFFFF

 115338

 115338

■ 095335

■ 19533B

■ 005331

■ 22533F

■ 2A5342

■ 325346

■ 3B5349

■ 43534C

■ 4B5350

■ 535353

■ 5C5357

# Harmonies

## Analogous

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



365024



115338



005450

# Triad

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



115338



2E4976



703A2C

# Complementary

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



115338



53112C

# 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.



733542



115338



54406C

# Square

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



115338



004F73



6A3759



63421D

# Rectangle

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



115338



00545F



6A3759



723733



# Sweetspot

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



115338



516B61



2D5311



26362F



B5B5B5



363636



# Same Dimension

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



115338



056B41



114E53



252927



00693E



00E889



# Inverse Universe

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



53112C



6B052F



531711



292526



69002B

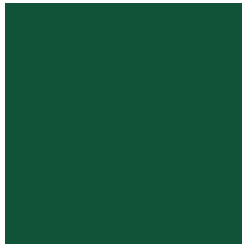


E8005F



# Previews

## White Background



This preview shows how the Hex color 115338 looks on a white background.

## Color Contrast Check

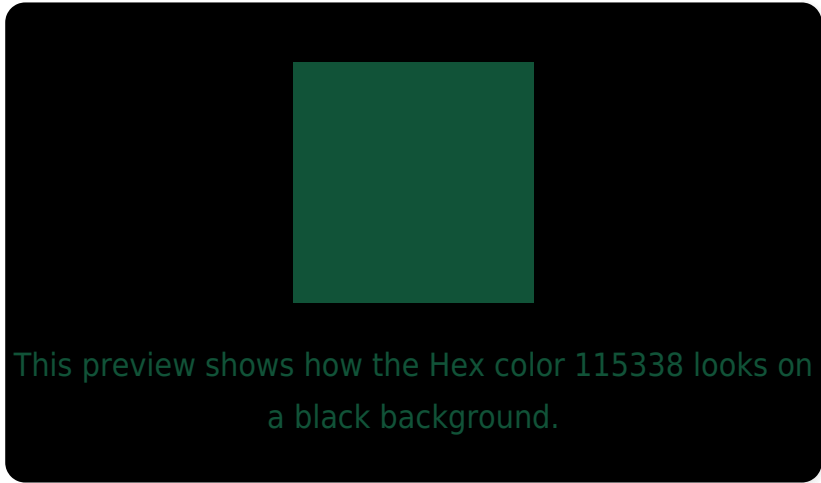
Large Text (above 18pt) WCAG AA ✓ Pass

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

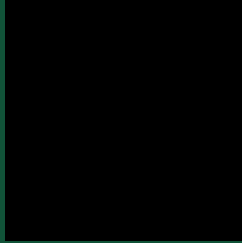
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 115338 Background



This preview shows how black text looks on a background with the Hex color 115338.



This preview shows how white text looks on a background with the Hex color 115338.

# 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](#).

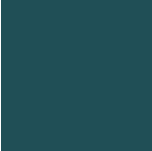
## Dichromacy



**Original Color**  
115338

**Protanopia**  
4E4833

**Deuteranopia**  
54463B



**Tritanopia**  
204F56

# Trichromacy



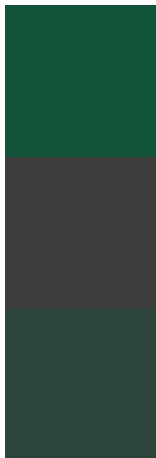
**Original Color**  
115338

**Protanomaly**  
384C35

**Deuteranomaly**  
3C4B3A

**Tritanomaly**  
1B504B

# Monochromacy



**Original Color**  
115338

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2C443B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 115338 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 #115338 looks like.

```
.text, #text, p{  
    color:#115338  
}
```

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 #115338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #115338
}
```

## Border

The CSS property to change the border of an element to Hex 115338 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
#115338 }
```

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

```
.border{ border-color:#115338 }
```

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

Here you see how a box with a 4 pixel #115338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #115338; -webkit-box-shadow:4px 4px  
4px 4px #115338; box-shadow:4px 4px 4px  
4px #115338 }
```

# Background

The CSS property to change the background color of an element to Hex 115338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#115338 }
```

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

```
.background{ background-color:#115338 }
```

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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