

# Converting Colors

Hex(115228)

Have a look what the booklet for  
Hex(115228) contains.

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# Color

Hex(115228)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	115228
RGB	17, 82, 40
RGB Percent	7%, 32%, 16%
CMY	0.9333, 0.6784, 0.8431
CMYK	0.79, 0.00, 0.51, 0.68
HSL	141°, 66%, 19%
HSV	141°, 79%, 32%
XYZ	3.6315, 6.3070, 3.0334
YIQ	57.7770, -25.2580, -26.8420

# Conversions

## Conversions Part 2

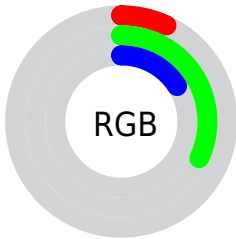
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 65, 82
Decimal	1135144
CIE <sub>Lab</sub>	30.17, -30.62, 18.98
CIE <sub>LCh</sub>	30, 36.028, 148.209
Yxy	6.3070, 0.2799, 0.4862
Android (android.graphics.Color)	4279325224 (0xFF115228)
YUV	57.7770, -8.7641, -35.7614
Hunter-Lab	25.1137, -18.1376, 10.4180

# Details

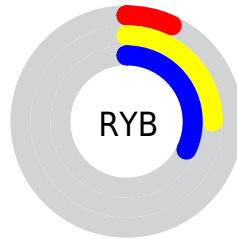
The Hex color **115228** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **52113B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **478456**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **095223**, and if you desaturate by 10%, it is **19522D**.

# Distribution



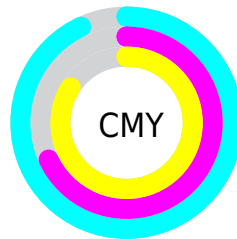
- Red (7%)
- Green (32%)
- Blue (16%)



- Red (7%)
- Yellow (25%)
- Blue (32%)



- Cyan (79%)
- Magenta (0%)
- Yellow (51%)
- Black (68%)




- Cyan (93%)
- Magenta (68%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 115228 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 115228 by changing the saturation by 10% instead.



 115228

 115228

FFFFFF

 003A13

 478456

 002500

 619F6F

 000100

 7BBA88


 000000


 96D6A2

 B1F2BE

 CDFFD9

 EAFFF6

 115228

 115228

■ 095223

■ 19522D

■ 01521D

■ 215233

■ 00521D

■ 2A5238

■ 32523D

■ 3A5242

■ 425248

■ 4A524D

■ 535252

■ 5B5258

# Harmonies

## Analogous

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



3B4D11



115228



005444

# Triad

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



115228



004B7F



78302E

# Complementary

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



115228



52113B

# 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.



782C4A



115228



444079

# Square

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



115228



005176



673465



6C3A17

# Rectangle

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



115228



005458



673465



7A2D37



# Sweetspot

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



115228



516B5A



3B5211



26362C



B5B5B5



363636



# Same Dimension

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



115228



056B29



115248



252926



006925



00E852



# Inverse Universe

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



52113B



6B0547



52111B



292527



690044

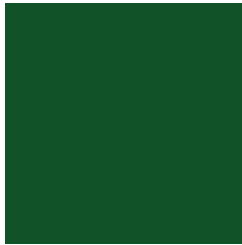


E80096



# Previews

## White Background



This preview shows how the Hex color 115228 looks on a white background.

## Color Contrast Check

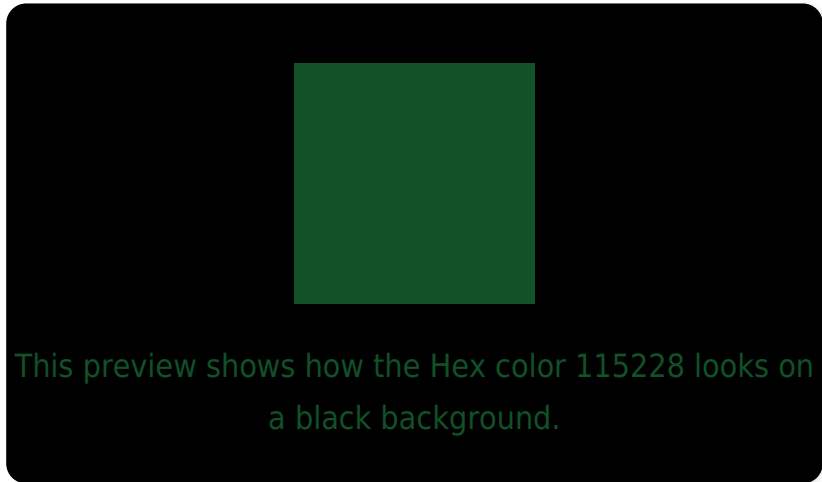
Large Text (above 18pt) WCAG AA ✓ Pass

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

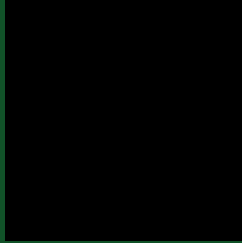
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 115228 Background



This preview shows how black text looks on a background with the Hex color 115228.

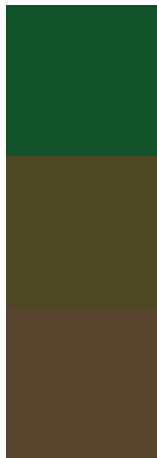


This preview shows how white text looks on a background with the Hex color 115228.

# 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**  
115228

**Protanopia**  
4E4724

**Deuteranopia**  
56442C



**Tritanopia**  
234D54

# Trichromacy



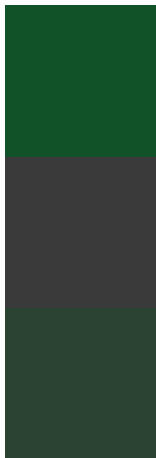
**Original Color**  
115228

**Protanomaly**  
384B25

**Deuteranomaly**  
3D492B

**Tritanomaly**  
1C4F44

# Monochromacy



**Original Color**  
115228

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
2B4333

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 115228 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 #115228 looks like.

```
.text, #text, p{  
    color:#115228  
}
```

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 #115228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #115228
}
```

## Border

The CSS property to change the border of an element to Hex 115228 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
#115228 }
```

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

```
.border{ border-color:#115228 }
```

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

Here you see how a box with a 4 pixel #115228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #115228; -webkit-box-shadow:4px 4px  
4px 4px #115228; box-shadow:4px 4px 4px  
4px #115228 }
```

# Background

The CSS property to change the background color of an element to Hex 115228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#115228 }
```

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

```
.background{ background-color:#115228 }
```

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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