

# Converting Colors

Hex(115420)

Have a look what the booklet for  
Hex(115420) contains.

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# Color

**Hex(115420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	115420
RGB	17, 84, 32
RGB Percent	7%, 33%, 13%
CMY	0.9333, 0.6706, 0.8745
CMYK	0.80, 0.00, 0.62, 0.67
HSL	133°, 66%, 20%
HSV	133°, 80%, 33%
XYZ	3.6622, 6.5641, 2.4405
YIQ	58.0390, -23.2400, -30.3760

# Conversions

## Conversions Part 2

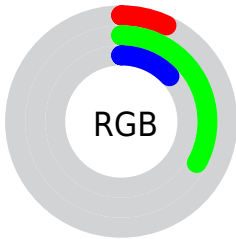
Format	Color
<a href="#">RYB</a>	<a href="#">17, 72, 84</a>
Decimal	<a href="#">1135648</a>
CIELab	<a href="#">30.79, -32.82, 24.29</a>
CIELCh	<a href="#">31, 40.828, 143.495</a>
Yxy	<a href="#">6.5641, 0.2891, 0.5182</a>
Android (android.graphics.Color)	<a href="#">4279325728 (0xFF115420)</a>
YUV	<a href="#">58.0390, -12.8372, -35.9912</a>
Hunter-Lab	<a href="#">25.6205, -19.3210, 12.2867</a>

# Details

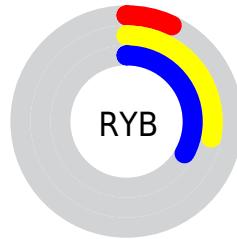
The Hex color **115420** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **541145**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **48864E**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **095419**, and if you desaturate by 10%, it is **195427**.

# Distribution



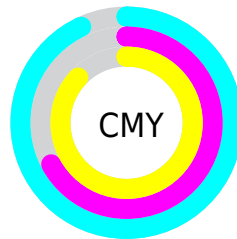
- Red (7%)
- Green (33%)
- Blue (13%)



- Red (7%)
- Yellow (28%)
- Blue (33%)



- Cyan (80%)
- Magenta (0%)
- Yellow (62%)
- Black (67%)




- Cyan (93%)
- Magenta (67%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 115420 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 115420 by changing the saturation by 10% instead.



 115420

 115420

FFFFFF

 003C09

 48864E

 002700

 62A166

 000500

 7CBC80


 000000


 97D89A

 B3F5B5

 CFFFD1

 ECFFED

 115420

 115420

■ 095419

■ 195427

■ 005413

■ 22542D

■ 2A5434

■ 33543A

■ 3B5441

■ 435447

■ 4C544E

■ 545454

■ 5D545B

# Harmonies

## Analogous

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



404E03



115420



005740

# Triad

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



115420



004E88



812B31

# Complementary

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



115420



541145

# 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.



7E2951



115420



3A4383

# Square

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



115420



00557B



68346F



743715

# Rectangle

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



115420



005756



68346F



81283B



# Sweetspot

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



115420



536E59



455411



28382B



B8B8B8



383838



# Same Dimension

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



115420



046E1C



115441



252926



006917



00E834



# Inverse Universe

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



541145



6E0456



541124



292528



690051

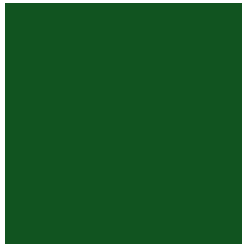


E800B4



# Previews

## White Background



This preview shows how the Hex color 115420 looks on a white background.

## Color Contrast Check

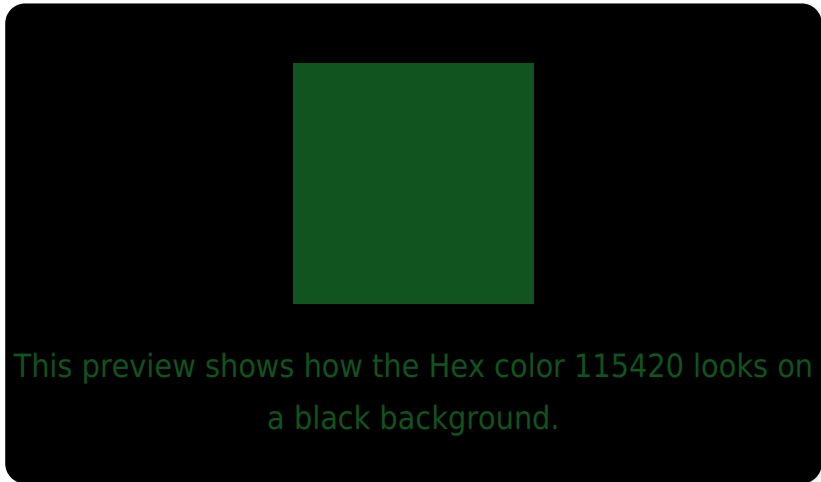
Large Text (above 18pt) WCAG AA ✓ Pass

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

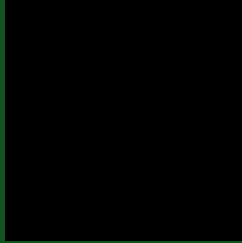
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 115420 Background



This preview shows how black text looks on a background with the Hex color 115420.



This preview shows how white text looks on a background with the Hex color 115420.

# 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**  
115420

**Protanopia**  
51491D

**Deuteranopia**  
594524



**Tritanopia**  
254F55

# Trichromacy



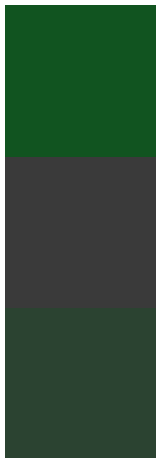
**Original Color**  
115420

**Protanomaly**  
3A4D1E

**Deuteranomaly**  
3F4A23

**Tritanomaly**  
1E5142

# Monochromacy



**Original Color**  
115420

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
2B4331

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 115420 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 #115420 looks like.

```
.text, #text, p{  
    color:#115420  
}
```

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 #115420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #115420
}
```

## Border

The CSS property to change the border of an element to Hex 115420 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
#115420 }
```

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

```
.border{ border-color:#115420 }
```

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

Here you see how a box with a 4 pixel #115420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #115420; -webkit-box-shadow:4px 4px  
4px 4px #115420; box-shadow:4px 4px 4px  
4px #115420 }
```

# Background

The CSS property to change the background color of an element to Hex 115420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#115420 }
```

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

```
.background{ background-color:#115420 }
```

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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