

# Converting Colors

Hex(115542)

Have a look what the booklet for  
Hex(115542) contains.

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# Color

Hex(115542)

# Conversions

## Conversions Part 1

Format	Color
Hex	115542
RGB	17, 85, 66
RGB Percent	7%, 33%, 26%
CMY	0.9333, 0.6667, 0.7412
CMYK	0.80, 0.00, 0.22, 0.67
HSL	163°, 67%, 20%
HSV	163°, 80%, 33%
XYZ	4.4630, 7.0095, 6.2720
YIQ	62.5020, -34.4290, -20.3250

# Conversions

## Conversions Part 2

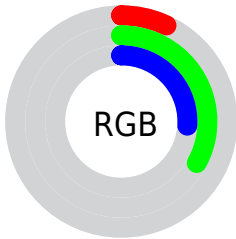
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 57, 85
Decimal	1135938
CIE Lab	31.83, -25.77, 5.22
CIE LCh	32, 26.296, 168.545
Yxy	7.0095, 0.2515, 0.3950
Android (android.graphics.Color)	4279326018 (0xFF115542)
YUV	62.5020, 1.7245, -39.9053
Hunter-Lab	26.4755, -16.2420, 4.4871

# Details

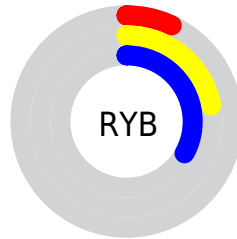
The Hex color **115542** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **551124**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **488772**, and **002717** is the 20% darker color. If you saturate the color by 10%, you get **085540**, and if you desaturate by 10%, it is **195544**.

# Distribution



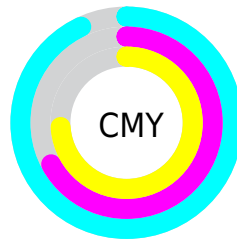
- Red (7%)
- Green (33%)
- Blue (26%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (22%)
- Black (67%)




- Cyan (93%)
- Magenta (67%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 115542 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 115542 by changing the saturation by 10% instead.



 115542

 115542

FFFFFF

 003D2C

 488772

 002717

 62A28B

 000C00

 7CBDA6


 000000


 97D9C1

 B3F5DD

 CFFFF9

 ECEFFF

 115542

 115542

■ 085540

■ 195544

■ 00553D

■ 225547

■ 2A5549

■ 33554B

■ 3B554E

■ 445550

■ 4C5553

■ 555555

■ 5E5557

# Harmonies

## Analogous

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



33522F



115542



005557

# Triad

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



115542



404972



6C402D

# Complementary

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



115542



551124

# 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.



723A3F



115542



5D4166

# Square

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



115542



124F73



6D3B54



5E4722

# Rectangle

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



115542



005564



6D3B54



6F3D32



# Sweetspot

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



115542



536E66



245511



283834



B8B8B8



383838



# Same Dimension

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



115542



046E50



114655



272B2A



006B4D



00EBA9



# Inverse Universe

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



551124



6E0422



552011



2B2728



6B001E

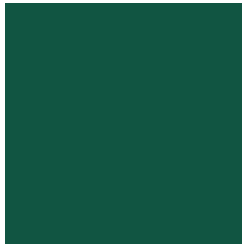


EB0042



# Previews

## White Background



This preview shows how the Hex color 115542 looks on a white background.

## Color Contrast Check

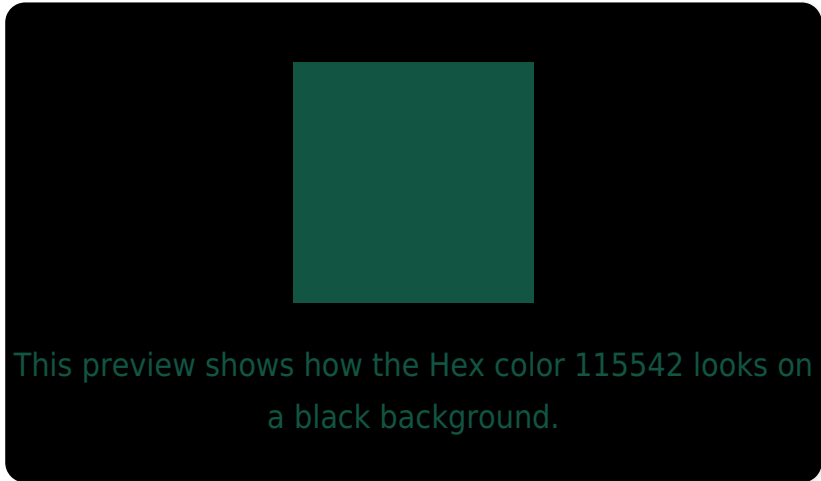
Large Text (above 18pt) WCAG AA ✓ Pass

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

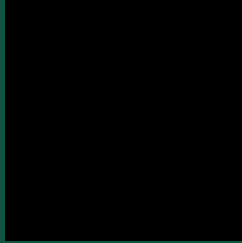
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 115542 Background



This preview shows how black text looks on a background with the Hex color 115542.



This preview shows how white text looks on a background with the Hex color 115542.

# 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**  
115542

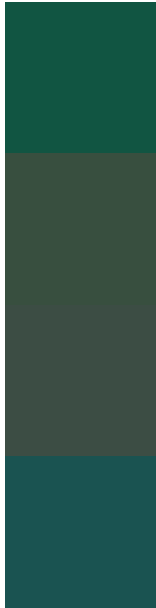
**Protanopia**  
4F4B3D

**Deuteranopia**  
544845



**Tritanopia**  
1F5259

# Trichromacy



**Original Color**  
115542

**Protanomaly**  
384F3F

**Deuteranomaly**  
3C4D44

**Tritanomaly**  
1A5351

# Monochromacy



**Original Color**  
115542

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2E4740

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 115542 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 #115542 looks like.

```
.text, #text, p{  
    color:#115542  
}
```

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 #115542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #115542
}
```

## Border

The CSS property to change the border of an element to Hex 115542 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
#115542 }
```

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

```
.border{ border-color:#115542 }
```

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

Here you see how a box with a 4 pixel #115542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #115542; -webkit-box-shadow:4px 4px  
4px 4px #115542; box-shadow:4px 4px 4px  
4px #115542 }
```

# Background

The CSS property to change the background color of an element to Hex 115542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#115542 }
```

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

```
.background{ background-color:#115542 }
```

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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