

# Converting Colors

Hex(115085)

Have a look what the booklet for  
Hex(115085) contains.

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# Color

**Hex(115085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	115085
RGB	17, 80, 133
RGB Percent	7%, 31%, 52%
CMY	0.9333, 0.6863, 0.4784
CMYK	0.87, 0.40, 0.00, 0.48
HSL	207°, 77%, 29%
HSV	207°, 87%, 52%
XYZ	7.3335, 7.5499, 23.2611
YIQ	67.2050, -54.5610, 3.1270

# Conversions

## Conversions Part 2

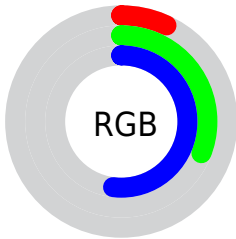
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 58, 133
Decimal	1134725
CIE <sub>Lab</sub>	33.03, 1.53, -35.03
CIE <sub>LCh</sub>	33, 35.064, 272.508
Yxy	7.5499, 0.1923, 0.1979
Android (android.graphics.Color)	4279324805 (0xFF115085)
YUV	67.2050, 32.4369, -44.0298
Hunter-Lab	27.4772, -0.4446, -30.9585

# Details

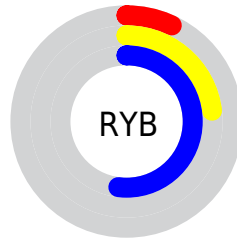
The Hex color **115085** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **854611**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5381BB**, and **002453** is the 20% darker color. If you saturate the color by 10%, you get **044A85**, and if you desaturate by 10%, it is **1E5685**.

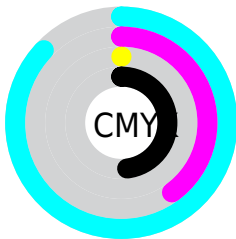
# Distribution



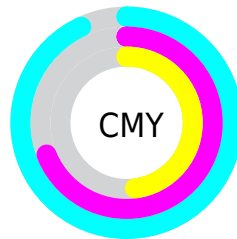
- Red (7%)
- Green (31%)
- Blue (52%)



- Red (7%)
- Yellow (23%)
- Blue (52%)



- Cyan (87%)
- Magenta (40%)
- Yellow (0%)
- Black (48%)



- Cyan (93%)
- Magenta (69%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 115085 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 115085 by changing the saturation by 10% instead.



■ 115085

■ 115085

FFFFFF

■ 00396B

■ 5381BB

■ 002453

■ 6F9BD6

■ 000F3B

■ 8BB5F3

■ 000225

■ A8D1FF

■ 00010E

■ C4EDFF

■ 000000

■ E1FFFF

■ 115085

■ 115085

■ 044A85

■ 1E5685

004885

2C5C85

396285

466885

536E85

617485

6E7B85

7B8185

898785

# Harmonies

## Analogous

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



00577E



115085



52457D

# Triad

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



115085



7E3931



135933

# Complementary

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



115085



854611

# 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.



3E551C



115085



71431C

# Square

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



115085



7F344C



5A4D12



005B4F

# Rectangle

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



115085



693E70



5A4D12



26582A



# Sweetspot

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



115085



8099AD



118545



3C4A57



D6D6D6



575757



# Same Dimension

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



115085



005EAD



111785



3C3F42



004782



000103



# Inverse Universe

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



851150



AD005E



857F11



423C3F



820047



030001



# Previews

## White Background



This preview shows how the Hex color 115085 looks on a white background.

## Color Contrast Check

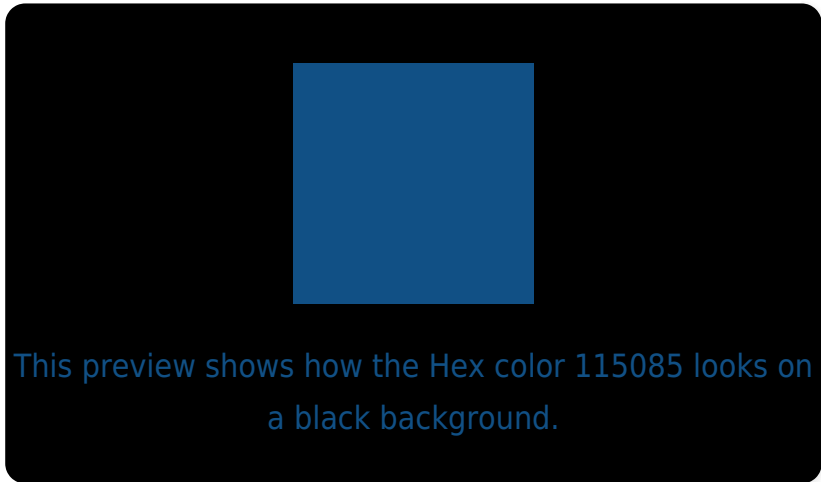
Large Text (above 18pt) WCAG AA ✓ Pass

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 115085 Background



This preview shows how black text looks on a background with the Hex color 115085.

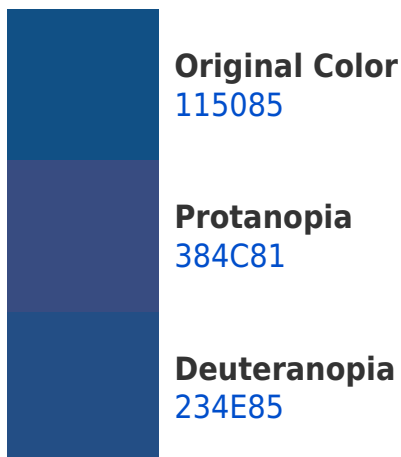


This preview shows how white text looks on a background with the Hex color 115085.

# Color Blindness Simulation

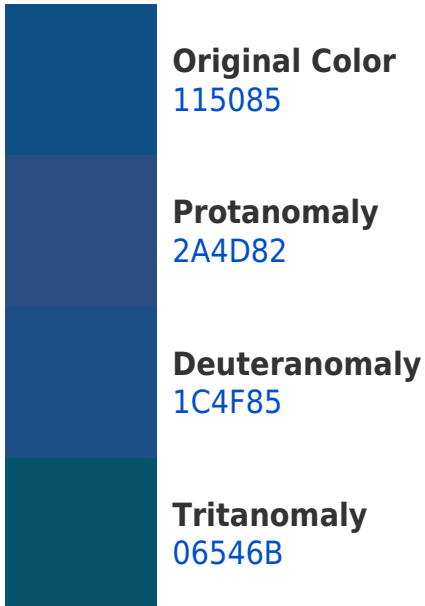
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

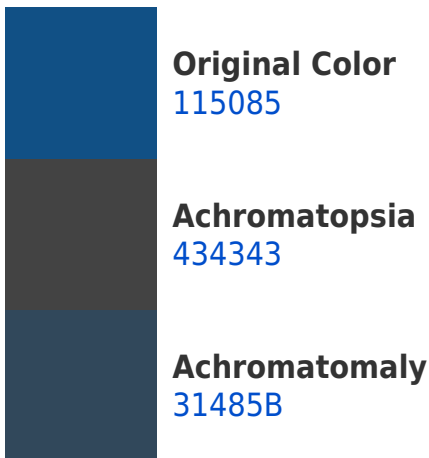




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 115085 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 #115085 looks like.

```
.text, #text, p{  
    color:#115085  
}
```

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 #115085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #115085
}
```

## Border

The CSS property to change the border of an element to Hex 115085 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
#115085 }
```

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

```
.border{ border-color:#115085 }
```

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

Here you see how a box with a 4 pixel #115085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #115085; -webkit-box-shadow:4px 4px  
4px 4px #115085; box-shadow:4px 4px 4px  
4px #115085 }
```

# Background

The CSS property to change the background color of an element to Hex 115085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#115085 }
```

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

```
.background{ background-color:#115085 }
```

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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