

# Converting Colors

Hex(145B90)

Have a look what the booklet for  
Hex(145B90) contains.

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# Color

**Hex(145B90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	145B90
RGB	20, 91, 144
RGB Percent	8%, 36%, 56%
CMY	0.9216, 0.6431, 0.4353
CMYK	0.86, 0.37, 0.00, 0.44
HSL	206°, 76%, 32%
HSV	206°, 86%, 56%
XYZ	9.0636, 9.6445, 27.7694
YIQ	75.8130, -59.3290, 1.4310

# Conversions

## Conversions Part 2

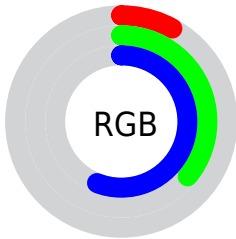
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 65, 144
Decimal	1334160
CIELab	37.20, -0.86, -35.11
CIELCh	37, 35.125, 268.591
Yxy	9.6445, 0.1950, 0.2075
Android (android.graphics.Color)	4279524240 (0xFF145B90)
YUV	75.8130, 33.6162, -48.9480
Hunter-Lab	31.0556, -2.2519, -31.2772

# Details

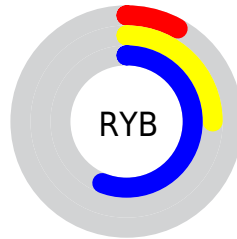
The Hex color **145B90** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **904914**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **578DC6**, and **002E5D** is the 20% darker color. If you saturate the color by 10%, you get **065590**, and if you desaturate by 10%, it is **226190**.

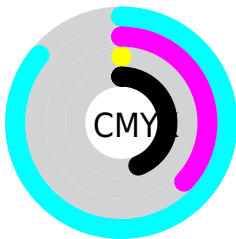
# Distribution



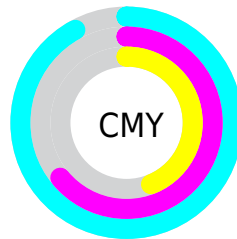
- Red (8%)
- Green (36%)
- Blue (56%)



- Red (8%)
- Yellow (25%)
- Blue (56%)



- Cyan (86%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (92%)
- Magenta (64%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 145B90 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 145B90 by changing the saturation by 10% instead.



■ 145B90

■ 145B90

FFFFFF

■ 004476

■ 578DC6

■ 002E5D

■ 74A7E2

■ 001A45

■ 90C2FF

■ 00042F

■ ADDEFF

■ 000119

■ CAFBFF

■ 000000

■ E7FFFF

■ 145B90

■ 145B90

■ 065590

■ 226190

■ 005290

■ 316790

■ 3F6D90

■ 4E7490

■ 5C7A90

■ 6A8090

■ 798690

■ 878C90

■ 969290

# Harmonies

## Analogous

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



006287



145B90



565189

# Triad

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



145B90



8B413E



276339

# Complementary

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



145B90



904914

# 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.



4C5E23



145B90



7E4B27

# Square

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



145B90



8A3F5A



69561C



006555

# Rectangle

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



145B90



6F497D



69561C



356230



# Sweetspot

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



145B90



8AA5BA



149048



41525E



DEDEDE



5E5E5E



# Same Dimension

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



145B90



006BBA



141E90



404447



004D87



000408



# Inverse Universe

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



90145B



BA006B



908614



474044



87004D



080004



# Previews

## White Background



This preview shows how the Hex color 145B90 looks on a white background.

## Color Contrast Check

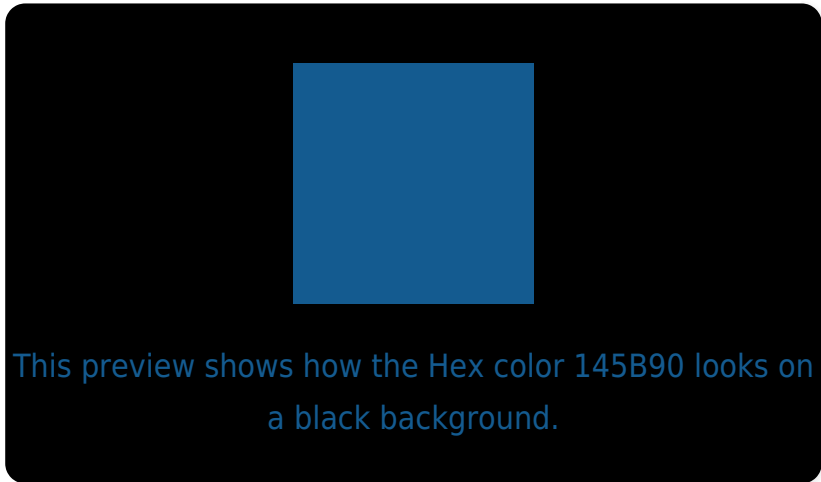
Large Text (above 18pt) WCAG AA ✓ Pass

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 145B90 Background



This preview shows how black text looks on a background with the Hex color 145B90.



This preview shows how white text looks on a background with the Hex color 145B90.

# 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](#).

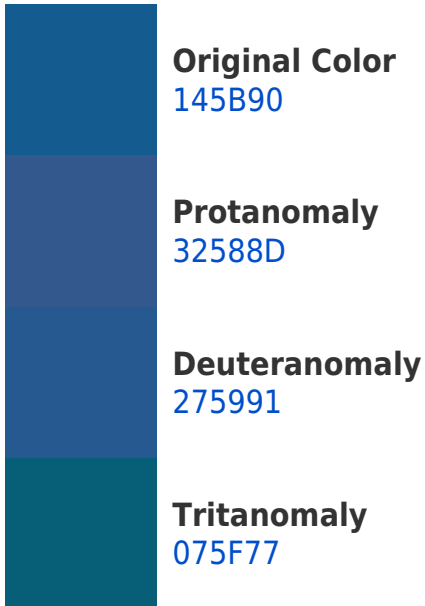
## Dichromacy



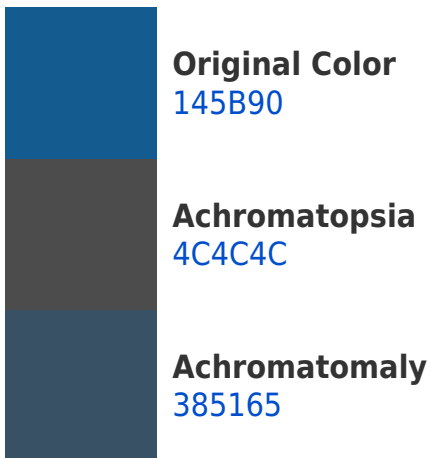


**Tritanopia**  
006168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 145B90 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 #145B90 looks like.

```
.text, #text, p{  
    color:#145B90  
}
```

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 #145B90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145B90
}
```

## Border

The CSS property to change the border of an element to Hex 145B90 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
#145B90 }
```

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

```
.border{ border-color:#145B90 }
```

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

Here you see how a box with a 4 pixel #145B90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145B90; -webkit-box-shadow:4px 4px  
4px 4px #145B90; box-shadow:4px 4px 4px  
4px #145B90 }
```

# Background

The CSS property to change the background color of an element to Hex 145B90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145B90 }
```

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

```
.background{ background-color:#145B90 }
```

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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