

# Converting Colors

Hex(145224)

Have a look what the booklet for  
Hex(145224) contains.

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# Color

Hex(145224)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	145224
RGB	20, 82, 36
RGB Percent	8%, 32%, 14%
CMY	0.9216, 0.6784, 0.8588
CMYK	0.76, 0.00, 0.56, 0.68
HSL	135°, 61%, 20%
HSV	135°, 76%, 32%
XYZ	3.6242, 6.3107, 2.6961
YIQ	58.2180, -22.1860, -27.4500

# Conversions

## Conversions Part 2

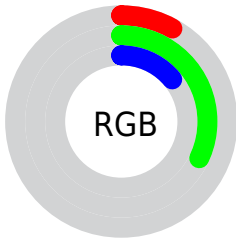
Format	Color
<b>RYB</b>	20, 69, 82
Decimal	1331748
CIELab	30.18, -30.77, 21.33
CIELCh	30, 37.444, 145.271
Yxy	6.3107, 0.2869, 0.4996
Android (android.graphics.Color)	4279521828 (0xFF145224)
YUV	58.2180, -10.9535, -33.5172
Hunter-Lab	25.1211, -18.2097, 11.2214

# Details

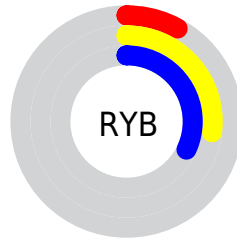
The Hex color **145224** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **521442**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **498452**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **0C521E**, and if you desaturate by 10%, it is **1C522A**.

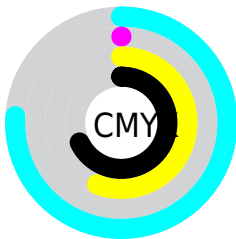
# Distribution



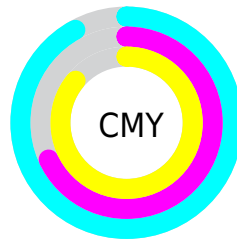
- Red (8%)
- Green (32%)
- Blue (14%)



- Red (8%)
- Yellow (27%)
- Blue (32%)



- Cyan (76%)
- Magenta (0%)
- Yellow (56%)
- Black (68%)



- Cyan (92%)
- Magenta (68%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 145224 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 145224 by changing the saturation by 10% instead.



 145224

 145224

FFFFFF

 003A0F

 498452

 002500

 639F6A

 000100

 7DBA84

 000000

 98D69E

 B3F2B9

 CFFFD5

 ECFFF1

 145224

 145224

■ 0C521E

■ 1C522A

■ 045218

■ 245230

■ 005215

■ 2D5236

■ 35523C

■ 3D5242

■ 455249

■ 4D524F

■ 565255

■ 5E525B

# Harmonies

## Analogous

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



3E4D0C



145224



005441

# Triad

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



145224



004C81



7B2D30

# Complementary

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



145224



521442

# 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.



792B4D



145224



3E417C

# Square

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



145224



005277



663469



6F3817

# Rectangle

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



145224



005556



663469



7C2B39



# Sweetspot

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



145224



526B59



435214



27362A



B5B5B5



363636



# Same Dimension

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



145224



0A6B23



145243



252926



00691B



00E83C



# Inverse Universe

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



521442



6B0A52



521423



292528



69004E

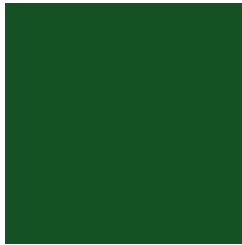


E800AC



# Previews

## White Background



This preview shows how the Hex color 145224 looks on a white background.

## Color Contrast Check

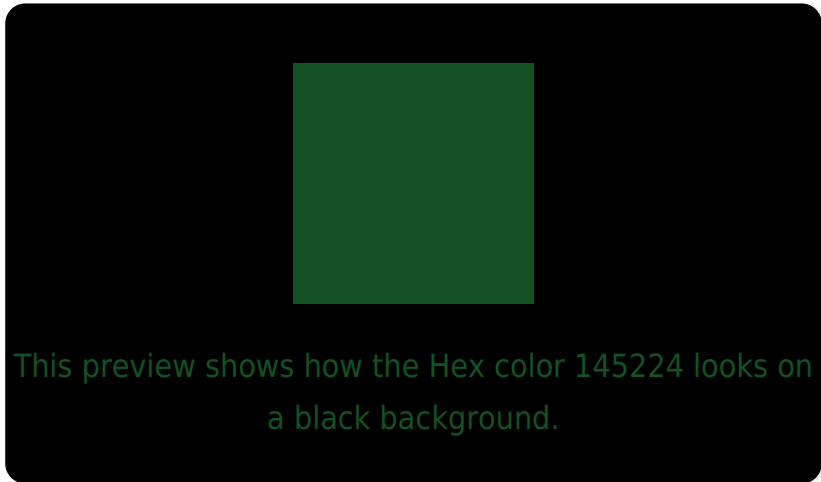
Large Text (above 18pt) WCAG AA ✓ Pass

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

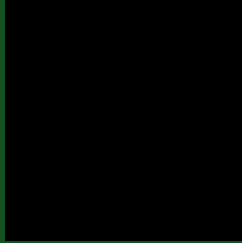
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 145224 Background



This preview shows how black text looks on a background with the Hex color 145224.



This preview shows how white text looks on a background with the Hex color 145224.

# 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**  
145224

**Protanopia**  
4F4721

**Deuteranopia**  
574428



**Tritanopia**  
254D53

# Trichromacy



**Original Color**

145224

**Protanomaly**

3A4B22

**Deuteranomaly**

3F4927

**Tritanomaly**

1F4F42

# Monochromacy



**Original Color**

145224

**Achromatopsia**

3A3A3A

**Achromatomaly**

2C4332

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 145224 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 #145224 looks like.

```
.text, #text, p{  
    color:#145224  
}
```

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 #145224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #145224
}
```

## Border

The CSS property to change the border of an element to Hex 145224 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".

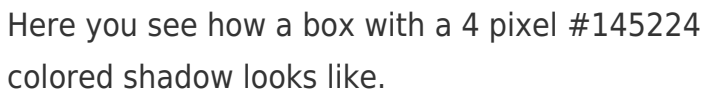
```
.border, #border, table{ border:4px solid
#145224 }
```

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

```
.border{ border-color:#145224 }
```

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

Here you see how a box with a 4 pixel #145224 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #145224; -webkit-box-shadow:4px 4px  
4px 4px #145224; box-shadow:4px 4px 4px  
4px #145224 }
```

# Background

The CSS property to change the background color of an element to Hex 145224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#145224 }
```

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

```
.background{ background-color:#145224 }
```

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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