

# Converting Colors

Hex(153214)

Have a look what the booklet for  
Hex(153214) contains.

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# Color

**Hex(153214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	153214
RGB	21, 50, 20
RGB Percent	8%, 20%, 8%
CMY	0.9176, 0.8039, 0.9216
CMYK	0.58, 0.00, 0.60, 0.80
HSL	118°, 43%, 14%
HSV	118°, 60%, 20%
XYZ	1.5761, 2.4911, 1.0596
YIQ	37.9090, -7.6540, -15.4780

# Conversions

## Conversions Part 2

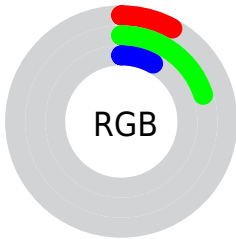
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 50, 49
Decimal	1389076
CIE <sub>Lab</sub>	17.88, -18.52, 15.71
CIE <sub>LCh</sub>	18, 24.290, 139.697
Yxy	2.4911, 0.3074, 0.4859
Android (android.graphics.Color)	4279579156 (0xFF153214)
YUV	37.9090, -8.8291, -14.8292
Hunter-Lab	15.7833, -9.7958, 7.0680

# Details

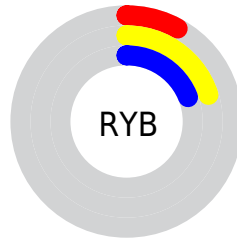
The Hex color **153214** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **311432**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **42613F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10320F**, and if you desaturate by 10%, it is **1A3219**.

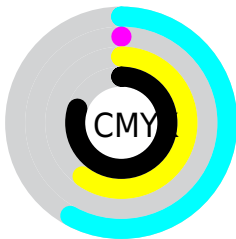
# Distribution



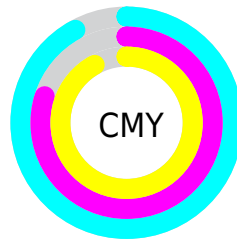
- Red (8%)
- Green (20%)
- Blue (8%)



- Red (8%)
- Yellow (20%)
- Blue (19%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (80%)



- Cyan (92%)
- Magenta (80%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 153214 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 153214 by changing the saturation by 10% instead.



 153214

 153214

 FCFFF6

 001E00

 42613F

 000000

 5B7A57


 74936F

 8DAE88

 A8CAA3

 C3E6BE

 E0FFDA

 153214

 153214

■ 10320F

■ 1A3219

■ 0B320A

■ 1F321E

■ 063205

■ 243223

■ 023200

■ 283228

■ 2D322D

■ 323232

■ 373237

■ 3C323C

■ 413241

# Harmonies

## Analogous

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



2A2E06



153214



003425

# Triad

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



153214



002F4E



4C1D21

# Complementary

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



153214



311432

# 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.



491D33



153214



222A4D

# Square

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



153214



003346



3B2243



462211

# Rectangle

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



153214



003431



3B2243



4C1C27



# Sweetspot

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



153214



354034



323114



1A211A



A1A1A1



212121



# Same Dimension

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



153214



134012



143222



171A17



035900



07D900



# Inverse Universe

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



311432



3E1240



321424



19171A



560059

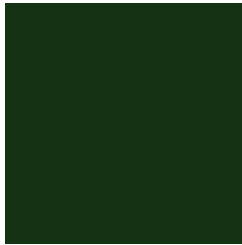


D200D9



# Previews

## White Background



This preview shows how the Hex color 153214 looks on a white background.

## Color Contrast Check

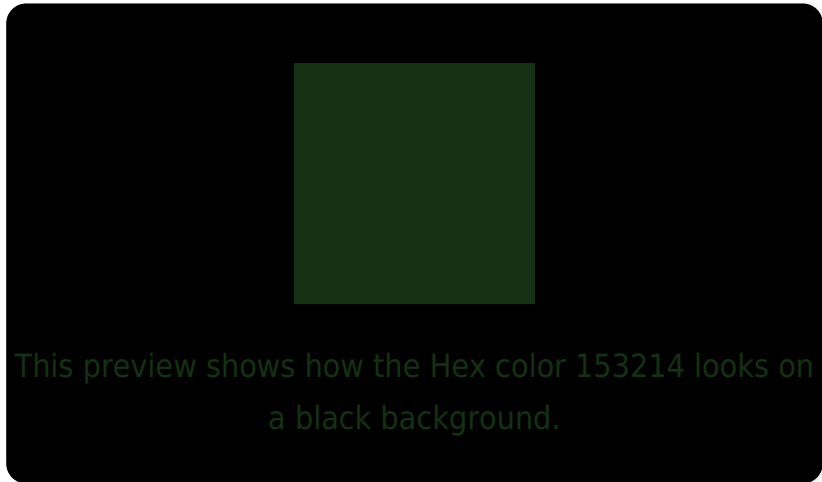
Large Text (above 18pt) WCAG AA ✓ Pass

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

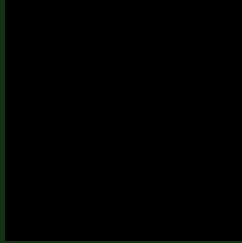
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 153214 Background



This preview shows how black text looks on a background with the Hex color 153214.



This preview shows how white text looks on a background with the Hex color 153214.

# 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**  
153214

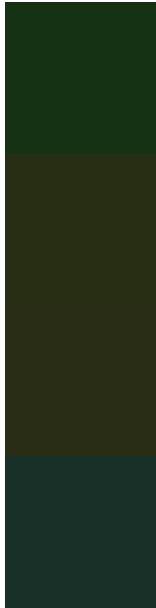
**Protanopia**  
312C12

**Deuteranopia**  
362A16



**Tritanopia**  
1C2F33

# Trichromacy



**Original Color**  
153214

**Protanomaly**  
272E13

**Deuteranomaly**  
2A2D15

**Tritanomaly**  
193028

# Monochromacy



**Original Color**  
153214

**Achromatopsia**  
262626

**Achromatomaly**  
202A1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 153214 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 #153214 looks like.

```
.text, #text, p{  
    color:#153214  
}
```

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 #153214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153214
}
```

## Border

The CSS property to change the border of an element to Hex 153214 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".

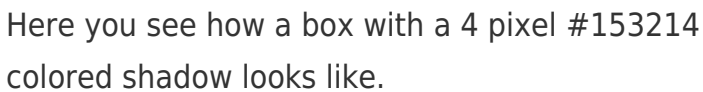
```
.border, #border, table{ border:4px solid
#153214 }
```

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

```
.border{ border-color:#153214 }
```

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

Here you see how a box with a 4 pixel #153214 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 #153214; -webkit-box-shadow:4px 4px  
4px 4px #153214; box-shadow:4px 4px 4px  
4px #153214 }
```

# Background

The CSS property to change the background color of an element to Hex 153214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153214 }
```

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

```
.background{ background-color:#153214 }
```

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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