

Converting Colors

Hex(152A09)

Have a look what the booklet for
Hex(152A09) contains.

| | |
|--|----|
| Hex(152A09) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(152A09)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 152A09 |
| RGB | 21, 42, 9 |
| RGB Percent | 8%, 16%, 4% |
| CMY | 0.9176, 0.8353, 0.9647 |
| CMYK | 0.50, 0.00, 0.79, 0.84 |
| HSL | 98°, 65%, 10% |
| HSV | 98°, 79%, 16% |
| XYZ | 1.1865, 1.8351, 0.5501 |
| YIQ | 31.9590, -1.9230, -14.7150 |

Conversions

Conversions Part 2

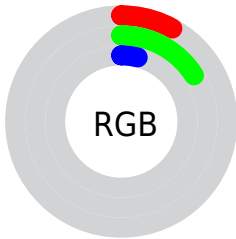
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 9, 42, 30 |
| Decimal | 1387017 |
| CIE Lab | 14.60, -15.89, 17.30 |
| CIE LCh | 15, 23.491, 132.577 |
| Yxy | 1.8351, 0.3322, 0.5138 |
| Android (android.graphics.Color) | 4279577097 (0xFF152A09) |
| YUV | 31.9590, -11.3188, -9.6110 |
| Hunter-Lab | 13.5465, -8.0717, 7.0748 |

Details

The Hex color **152A09** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1E092A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **415835**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **122A05**, and if you desaturate by 10%, it is **182A0D**.

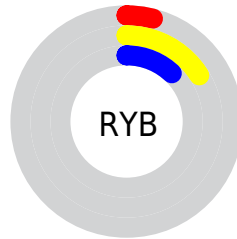
Distribution



Red (8%)

Green (16%)

Blue (4%)



Red (4%)

Yellow (16%)

Blue (12%)

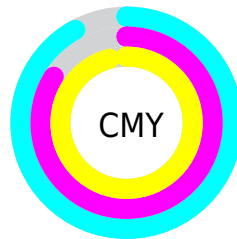


Cyan (50%)

Magenta (0%)

Yellow (79%)

Black (84%)



Cyan (92%)


Magenta (84%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 152A09 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 152A09 by changing the saturation by 10% instead.

 152A09

 152A09

 FAFFEA

 001700

 415835

 000000

 59704C

 728A64

 8BA47D

 A6BF97

 C1DBB2

 DDF7CE

 152A09

 152A09

■ 122A05

■ 182A0D

■ 102A01

■ 1A2A11

■ 0F2A00

■ 1D2A16

■ 202A1A

■ 222A1E

■ 252A22

■ 282A26

■ 2A2A2B

■ 2D2A2F

Harmonies

Analogous

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



282600



152A09



002C1A

Triad

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



152A09



002944



43151F

Complementary

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



152A09



1E092A

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.



3E172F



152A09



112445

Square

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



152A09



002C3B



2F1D3D



3F1A0E

Rectangle

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



152A09



002D26



2F1D3D



421524

Sweetspot

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



152A09



2D3629



2A1E09



171C14



9C9C9C



1C1C1C

Same Dimension

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



152A09



163603



092A0D



131412



1F5400



4DD400

Inverse Universe

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



1E092A



230336



2A0926



141214



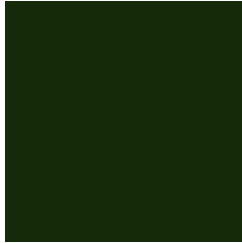
360054



8700D4

Previews

White Background



This preview shows how the Hex color 152A09 looks on a white background.

Color Contrast Check

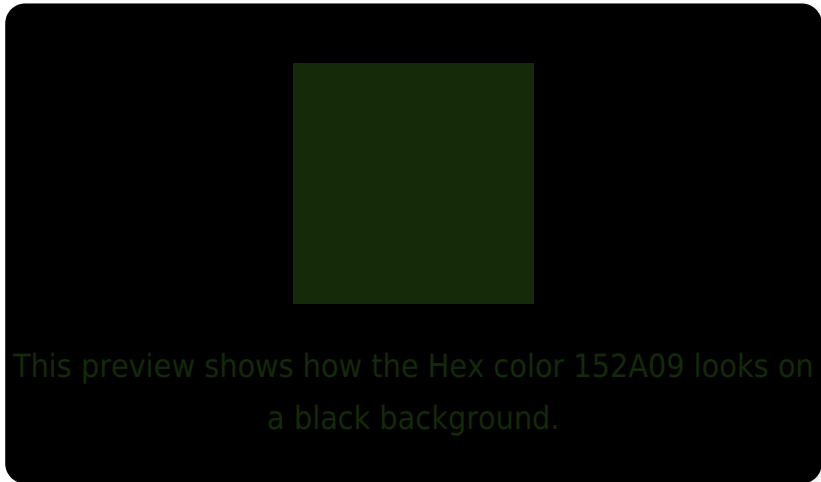
Large Text (above 18pt) WCAG AA ✓ Pass

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

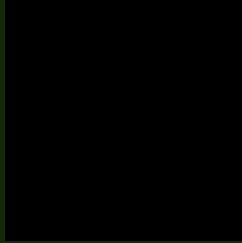
Any Text WCAG AA × Fail

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 152A09 Background



This preview shows how black text looks on a background with the Hex color 152A09.

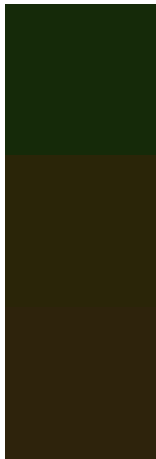


This preview shows how white text looks on a background with the Hex color 152A09.

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
152A09

Protanopia
2A2508

Deuteranopia
2E230C



Tritanopia
1A272A

Trichromacy



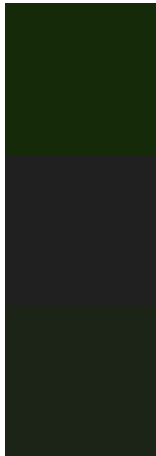
Original Color
152A09

Protanomaly
222708

Deuteranomaly
25260B

Tritanomaly
18281E

Monochromacy



Original Color
152A09

Achromatopsia
202020

Achromatomaly
1C2418

CSS Examples

Text

The CSS property to change the color of the text to Hex 152A09 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 #152A09 looks like.

```
.text, #text, p{  
    color:#152A09  
}
```

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 #152A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #152A09
}
```

Border

The CSS property to change the border of an element to Hex 152A09 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".

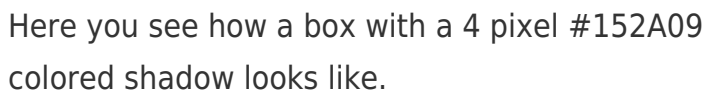
```
.border, #border, table{ border:4px solid
#152A09 }
```

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

```
.border{ border-color:#152A09 }
```

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

Here you see how a box with a 4 pixel #152A09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #152A09; -webkit-box-shadow:4px 4px  
4px 4px #152A09; box-shadow:4px 4px 4px  
4px #152A09 }
```

Background

The CSS property to change the background color of an element to Hex 152A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#152A09 }
```

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

```
.background{ background-color:#152A09 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor