

# Converting Colors

Hex(154A08)

Have a look what the booklet for  
Hex(154A08) contains.

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# Color

**Hex(154A08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	154A08
RGB	21, 74, 8
RGB Percent	8%, 29%, 3%
CMY	0.9176, 0.7098, 0.9686
CMYK	0.72, 0.00, 0.89, 0.71
HSL	108°, 80%, 16%
HSV	108°, 89%, 29%
XYZ	2.8019, 5.0745, 1.0615
YIQ	50.6290, -10.4020, -31.7620

# Conversions

## Conversions Part 2

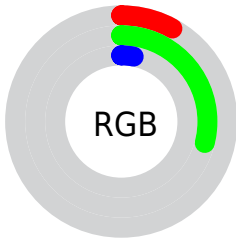
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 74, 61
Decimal	1395208
CIELab	26.95, -30.66, 31.32
CIELCh	27, 43.825, 134.386
Yxy	5.0745, 0.3135, 0.5678
Android (android.graphics.Color)	4279585288 (0xFF154A08)
YUV	50.6290, -21.0161, -25.9846
Hunter-Lab	22.5267, -17.2199, 12.9747

# Details

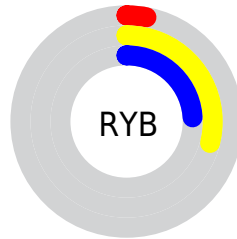
The Hex color **154A08** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D084A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **497B38**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **0F4A01**, and if you desaturate by 10%, it is **1B4A0F**.

# Distribution



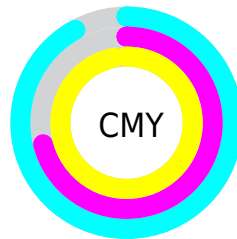
- Red (8%)
- Green (29%)
- Blue (3%)



- Red (3%)
- Yellow (29%)
- Blue (24%)



- Cyan (72%)
- Magenta (0%)
- Yellow (89%)
- Black (71%)



- Cyan (92%)
- Magenta (71%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 154A08 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 154A08 by changing the saturation by 10% instead.



 154A08

 154A08

 FFFFF0

 003300

 497B38

 002000

 639650

 000000

 7DB069

 97CC82

 B3E89D

 CFFFB8

 ECFFD4

 154A08

 154A08

■ 0F4A01

■ 1B4A0F

■ 0F4A00

■ 214A17

■ 274A1E

■ 2D4A26

■ 334A2D

■ 394A34

■ 3F4A3C

■ 454A43

■ 4A4A4B

# Harmonies

## Analogous

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



404300



154A08



004D2C

# Triad

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



154A08



004881



7A1931

# Complementary

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



154A08



3D084A

# 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.



721D53



154A08



013E81

# Square

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



154A08



004D6E



552E70



712811

# Rectangle

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



154A08



004E44



552E70



7A183C



# Sweetspot

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



154A08



4C6147



4A3D08



243021



B0B0B0



303030



# Same Dimension

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



154A08



136100



084A1C



232622



146600



2DE600



# Inverse Universe

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



3D084A



4E0061



4A0836



252226



520066

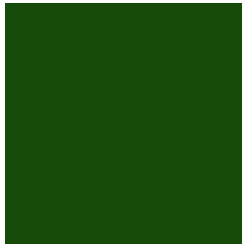


B800E6



# Previews

## White Background



This preview shows how the Hex color 154A08 looks on a white background.

## Color Contrast Check

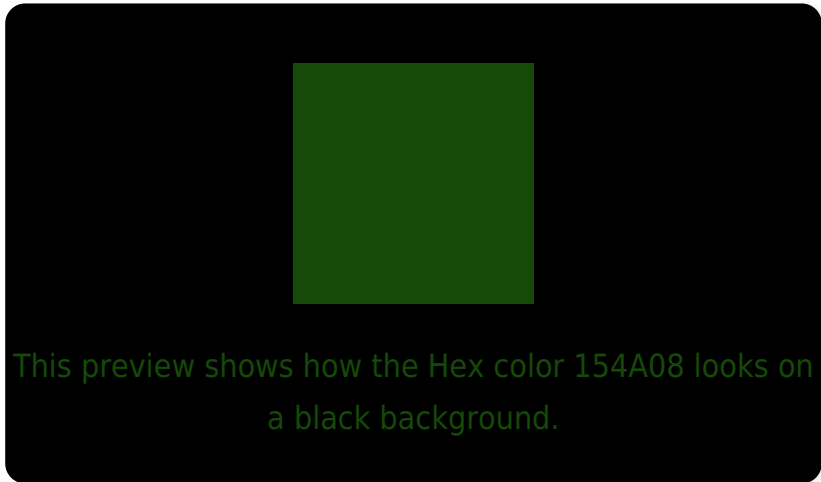
Large Text (above 18pt) WCAG AA ✓ Pass

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

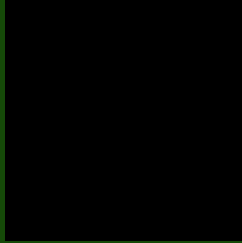
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 154A08 Background



This preview shows how black text looks on a background with the Hex color 154A08.



This preview shows how white text looks on a background with the Hex color 154A08.

# 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](#).

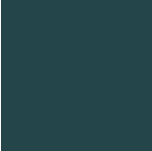
## Dichromacy



**Original Color**  
154A08

**Protanopia**  
484003

**Deuteranopia**  
503D11



**Tritanopia**  
24454A

# Trichromacy



**Original Color**  
154A08

**Protanomaly**  
354405

**Deuteranomaly**  
3B420E

**Tritanomaly**  
1F4732

# Monochromacy



**Original Color**  
154A08

**Achromatopsia**  
333333

**Achromatomaly**  
283B23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 154A08 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 #154A08 looks like.

```
.text, #text, p{  
    color:#154A08  
}
```

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 #154A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #154A08
}
```

## Border

The CSS property to change the border of an element to Hex 154A08 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
#154A08 }
```

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

```
.border{ border-color:#154A08 }
```

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

Here you see how a box with a 4 pixel #154A08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #154A08; -webkit-box-shadow:4px 4px  
4px 4px #154A08; box-shadow:4px 4px 4px  
4px #154A08 }
```

# Background

The CSS property to change the background color of an element to Hex 154A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#154A08 }
```

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

```
.background{ background-color:#154A08 }
```

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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