

Converting Colors

Hex(153D09)

Have a look what the booklet for
Hex(153D09) contains.

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Color

Hex(153D09)

Conversions

Conversions Part 1

Format	Color
Hex	153D09
RGB	21, 61, 9
RGB Percent	8%, 24%, 4%
CMY	0.9176, 0.7608, 0.9647
CMYK	0.66, 0.00, 0.85, 0.76
HSL	106°, 74%, 14%
HSV	106°, 85%, 24%
XYZ	2.0273, 3.5166, 0.8304
YIQ	43.1120, -7.1480, -24.6520

Conversions

Conversions Part 2

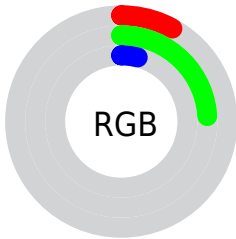
Format	Color
R_{YB}	9, 61, 49
Decimal	1391881
CIE _{Lab}	22.00, -25.15, 26.06
CIE _{LCh}	22, 36.216, 133.978
Yxy	3.5166, 0.3180, 0.5517
Android (android.graphics.Color)	4279581961 (0xFF153D09)
YUV	43.1120, -16.8172, -19.3922
Hunter-Lab	18.7527, -13.5200, 10.5015

Details

The Hex color **153D09** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31093D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **466D36**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **103D03**, and if you desaturate by 10%, it is **1A3D0F**.

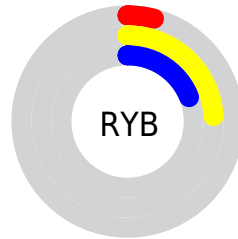
Distribution



Red (8%)

Green (24%)

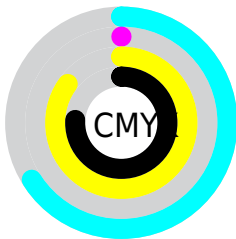
Blue (4%)



Red (4%)

Yellow (24%)

Blue (19%)

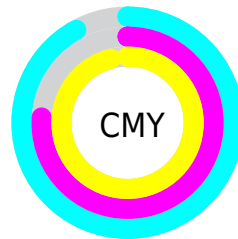


Cyan (66%)

Magenta (0%)

Yellow (85%)

Black (76%)



Cyan (92%)


Magenta (76%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153D09 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 153D09 by changing the saturation by 10% instead.

 153D09

 153D09

 FFFFD

 002700

 466D36

 000D00

 5E874E

 000000

 78A166

 92BC80

 ADD89A

 C9F4B5

 E6FFD1

 153D09

 153D09

■ 103D03

■ 1A3D0F

■ 0E3D00

■ 1E3D15

■ 233D1B

■ 283D21

■ 2C3D28

■ 313D2E

■ 363D34

■ 3B3D3A

■ 3F3D40

Harmonies

Analogous

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



363700



153D09



004025

Triad

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



153D09



003C68



641829

Complementary

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



153D09



31093D

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.



5D1B44



153D09



0B3469

Square

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



153D09



00405A



45275C



5D2210

Rectangle

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



153D09



004138



45275C



631732

Sweetspot

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



153D09



3F4F3A



3D3109



1F291C



A8A8A8



292929

Same Dimension

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



153D09



124F00



093D17



1C1F1C



165E00



33DE00

Inverse Universe

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



31093D



3D004F



3D092F



1E1C1F



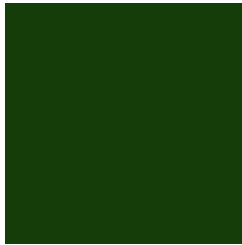
49005E



AB00DE

Previews

White Background



This preview shows how the Hex color 153D09 looks on a white background.

Color Contrast Check

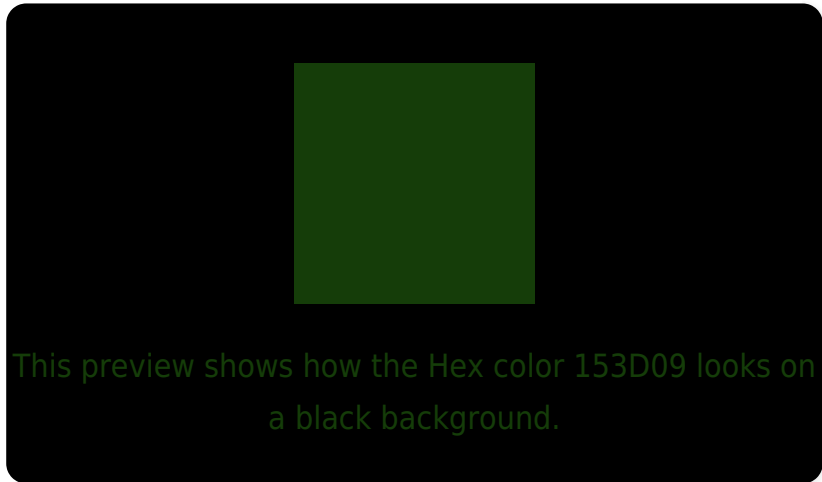
Large Text (above 18pt) WCAG AA ✓ Pass

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

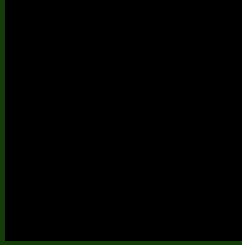
Any Text WCAG AA × Fail

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 153D09 Background



This preview shows how black text looks on a background with the Hex color 153D09.



This preview shows how white text looks on a background with the Hex color 153D09.

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
153D09

Protanopia
3C3507

Deuteranopia
42320F

Trichromacy



Original Color
153D09

Protanomaly
2E3808

Deuteranomaly
32360D

Tritanomaly
1C3A2A

Monochromacy



Original Color
153D09

Achromatopsia
2B2B2B

Achromatomaly
23321F

CSS Examples

Text

The CSS property to change the color of the text to Hex 153D09 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 #153D09 looks like.

```
.text, #text, p{  
    color:#153D09  
}
```

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 #153D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153D09
}
```

Border

The CSS property to change the border of an element to Hex 153D09 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
#153D09 }
```

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

```
.border{ border-color:#153D09 }
```

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

Here you see how a box with a 4 pixel #153D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153D09; -webkit-box-shadow:4px 4px  
4px 4px #153D09; box-shadow:4px 4px 4px  
4px #153D09 }
```

Background

The CSS property to change the background color of an element to Hex 153D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153D09 }
```

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

```
.background{ background-color:#153D09 }
```

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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