

Converting Colors

Hex(153D1A)

Have a look what the booklet for
Hex(153D1A) contains.

Hex(153D1A)	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(153D1A)

Conversions

Conversions Part 1

Format	Color
Hex	153D1A
RGB	21, 61, 26
RGB Percent	8%, 24%, 10%
CMY	0.9176, 0.7608, 0.8980
CMYK	0.66, 0.00, 0.57, 0.76
HSL	128°, 49%, 16%
HSV	128°, 66%, 24%
XYZ	2.1645, 3.5715, 1.5526
YIQ	45.0500, -12.6050, -19.3650

Conversions

Conversions Part 2

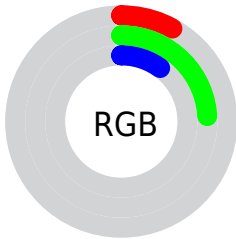
Format	Color
R_{YB}	21, 57, 61
Decimal	1391898
CIE Lab	22.20, -22.94, 17.37
CIE LCh	22, 28.769, 142.870
Yxy	3.5715, 0.2970, 0.4900
Android (android.graphics.Color)	4279581978 (0xFF153D1A)
YUV	45.0500, -9.3916, -21.0918
Hunter-Lab	18.8984, -12.6284, 8.3580

Details

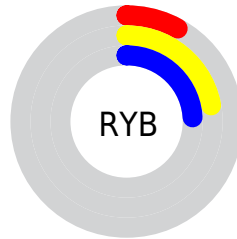
The Hex color **153D1A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3D1538**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **456D46**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **0F3D15**, and if you desaturate by 10%, it is **1B3D1F**.

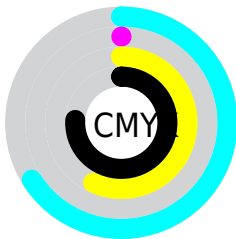
Distribution



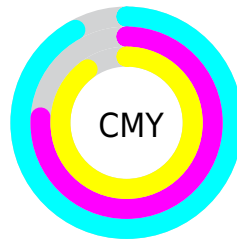
- Red (8%)
- Green (24%)
- Blue (10%)



- Red (8%)
- Yellow (22%)
- Blue (24%)



- Cyan (66%)
- Magenta (0%)
- Yellow (57%)
- Black (76%)




- Cyan (92%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153D1A 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 153D1A by changing the saturation by 10% instead.

 153D1A

 153D1A

FFFFFF

 002701

 456D46

 000E00

 5D865E

 000000

 77A177

 91BC91

 ACD8AB

 C7F4C7

 E4FFE3

 153D1A

 153D1A

■ 0F3D15

■ 1B3D1F

■ 093D0F

■ 213D25

■ 033D0A

■ 273D2A

■ 003D08

■ 2D3D2F

■ 343D35

■ 3A3D3A

■ 403D3F

■ 463D45

■ 4C3D4A

Harmonies

Analogous

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



30390A



153D1A



003F2F

Triad

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



153D1A



00395F



5C2326

Complementary

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



153D1A



3D1538

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.



59223B



153D1A



2C325D

Square

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



153D1A



003D57



4A284F



542A13

Rectangle

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



153D1A



003F3E



4A284F



5C212D

Sweetspot

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



153D1A



3F4F41



383D15



1F2920



A8A8A8



292929

Same Dimension

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



153D1A



114F18



153D2E



1C1F1C



005E0C



00DE1C

Inverse Universe

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



3D1538



4F1147



3D1524



1F1C1E



5E0053



DE00C2

Previews

White Background



This preview shows how the Hex color 153D1A 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

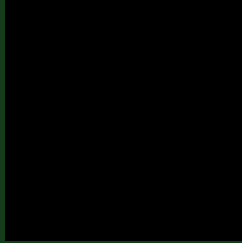
Any Text WCAG AA × Fail

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 153D1A Background



This preview shows how black text looks on a background with the Hex color 153D1A.



This preview shows how white text looks on a background with the Hex color 153D1A.

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](#).

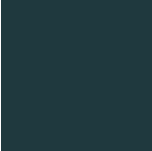
Dichromacy



Original Color
153D1A

Protanopia
3B3518

Deuteranopia
41331D



Tritanopia
1F393E

Trichromacy



Original Color
153D1A

Protanomaly
2D3819

Deuteranomaly
31371C

Tritanomaly
1B3A31

Monochromacy



Original Color
153D1A

Achromatopsia
2D2D2D

Achromatomaly
243326

CSS Examples

Text

The CSS property to change the color of the text to Hex 153D1A 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 #153D1A looks like.

```
.text, #text, p{  
    color:#153D1A  
}
```

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 #153D1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153D1A
}
```

Border

The CSS property to change the border of an element to Hex 153D1A 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
#153D1A }
```

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

```
.border{ border-color:#153D1A }
```

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

Here you see how a box with a 4 pixel #153D1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153D1A; -webkit-box-shadow:4px 4px  
4px 4px #153D1A; box-shadow:4px 4px 4px  
4px #153D1A }
```

Background

The CSS property to change the background color of an element to Hex 153D1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153D1A }
```

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

```
.background{ background-color:#153D1A }
```

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