

Converting Colors

Hex(152B13)

Have a look what the booklet for
Hex(152B13) contains.

Hex(152B13)	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(152B13)

Conversions

Conversions Part 1

Format	Color
Hex	152B13
RGB	21, 43, 19
RGB Percent	8%, 17%, 7%
CMY	0.9176, 0.8314, 0.9255
CMYK	0.51, 0.00, 0.56, 0.83
HSL	115°, 39%, 12%
HSV	115°, 56%, 17%
XYZ	1.2907, 1.9342, 0.9214
YIQ	33.6860, -5.4080, -12.1280

Conversions

Conversions Part 2

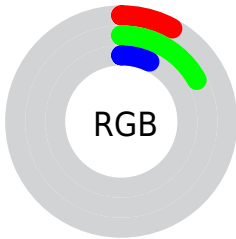
Format	Color
R_{YB}	19, 43, 41
Decimal	1387283
CIE _{Lab}	15.14, -14.93, 12.92
CIE _{LCh}	15, 19.743, 139.122
Yxy	1.9342, 0.3113, 0.4665
Android (android.graphics.Color)	4279577363 (0xFF152B13)
YUV	33.6860, -7.2402, -11.1256
Hunter-Lab	13.9076, -7.7727, 5.8072

Details

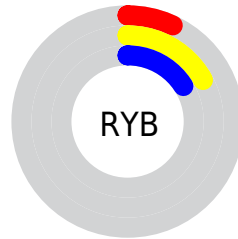
The Hex color **152B13** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29132B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **41593E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112B0F**, and if you desaturate by 10%, it is **192B17**.

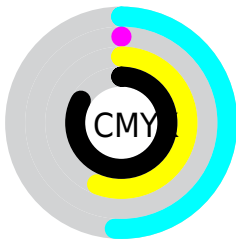
Distribution



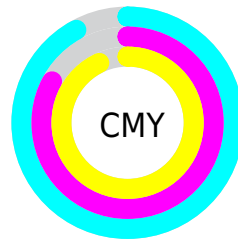
- Red (8%)
- Green (17%)
- Blue (7%)



- Red (7%)
- Yellow (17%)
- Blue (16%)



- Cyan (51%)
- Magenta (0%)
- Yellow (56%)
- Black (83%)




- Cyan (92%)
- Magenta (83%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 152B13 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 152B13 by changing the saturation by 10% instead.

 152B13

 152B13

 FAFFF4

 001800

 41593E

 000000

 597155

 728B6D

 8BA587

 A6C0A1

 C1DCBC

 DDF9D8

 152B13

 152B13

■ 112B0F

■ 192B17

■ 0D2B0A

■ 1D2B1C

■ 092B06

■ 212B20

■ 052B02

■ 252B24

■ 042B00

■ 292B29

■ 2D2B2D

■ 312B31

■ 352B35

■ 382B3A

Harmonies

Analogous

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



262808



152B13



002D20

Triad

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



152B13



002941



401A1E

Complementary

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



152B13



29132B

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.



3D1B2C



152B13



1E2440

Square

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



152B13



002C3B



321F38



3C1E11

Rectangle

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



152B13



002D2A



321F38



401A22

Sweetspot

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



152B13



2F382F



2B2913



171C16



9C9C9C



1C1C1C

Same Dimension

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



152B13



163813



132B1D



131412



075400



12D400

Inverse Universe

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



29132B



351338



2B1321



141214



4D0054



C200D4

Previews

White Background



This preview shows how the Hex color 152B13 looks on a white background.

Color Contrast Check

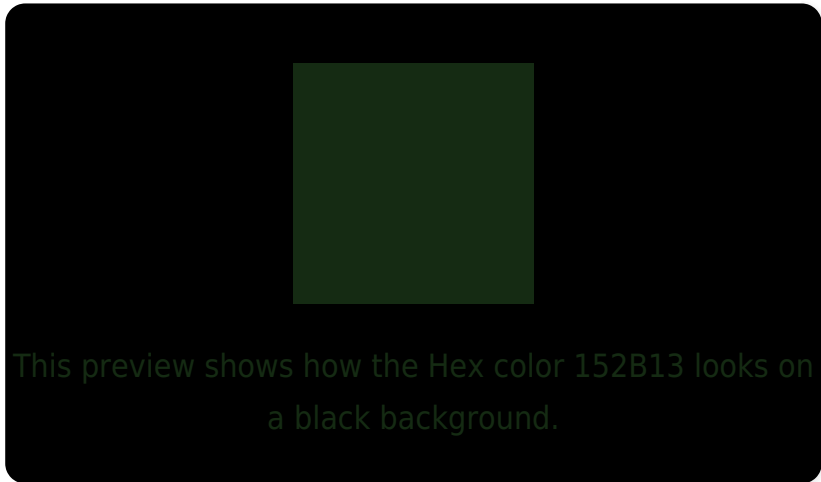
Large Text (above 18pt) WCAG AA ✓ Pass

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

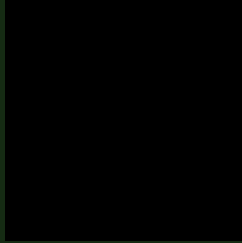
Any Text WCAG AA × Fail

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 152B13 Background



This preview shows how black text looks on a background with the Hex color 152B13.



This preview shows how white text looks on a background with the Hex color 152B13.

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
152B13

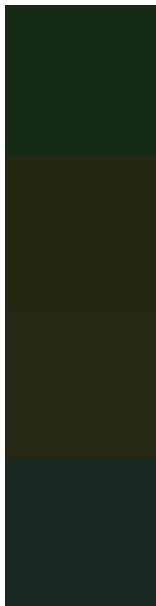
Protanopia
2A2611

Deuteranopia
2F2415



Tritanopia
1A282C

Trichromacy



Original Color

152B13

Protanomaly

222812

Deuteranomaly

262714

Tritanomaly

182923

Monochromacy



Original Color

152B13

Achromatopsia

222222

Achromatomaly

1D251D

CSS Examples

Text

The CSS property to change the color of the text to Hex 152B13 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 #152B13 looks like.

```
.text, #text, p{  
    color:#152B13  
}
```

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 #152B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #152B13
}
```

Border

The CSS property to change the border of an element to Hex 152B13 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".

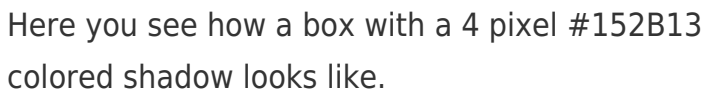
```
.border, #border, table{ border:4px solid
#152B13 }
```

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

```
.border{ border-color:#152B13 }
```

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

Here you see how a box with a 4 pixel #152B13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #152B13; -webkit-box-shadow:4px 4px  
4px 4px #152B13; box-shadow:4px 4px 4px  
4px #152B13 }
```

Background

The CSS property to change the background color of an element to Hex 152B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#152B13 }
```

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

```
.background{ background-color:#152B13 }
```

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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