

Converting Colors

Hex(152123)

Have a look what the booklet for
Hex(152123) contains.

Hex(152123)	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(152123)

Conversions

Conversions Part 1

Format	Color
Hex	152123
RGB	21, 33, 35
RGB Percent	8%, 13%, 14%
CMY	0.9176, 0.8706, 0.8627
CMYK	0.40, 0.06, 0.00, 0.86
HSL	189°, 25%, 11%
HSV	189°, 40%, 14%
XYZ	1.1565, 1.3685, 1.7933
YIQ	29.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

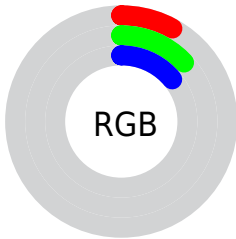
Format	Color
R_{YB}	21, 27, 35
Decimal	1384739
CIE Lab	11.75, -4.59, -3.05
CIE LCh	12, 5.513, 213.552
Yxy	1.3685, 0.2678, 0.3169
Android (android.graphics.Color)	4279574819 (0xFF152123)
YUV	29.6400, 2.6425, -7.5773
Hunter-Lab	11.6983, -2.8254, -0.9002

Details

The Hex color **152123** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **231715**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **404D4F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112123**, and if you desaturate by 10%, it is **192223**.

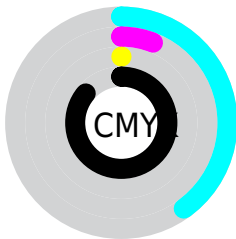
Distribution



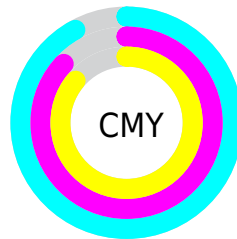
- Red (8%)
- Green (13%)
- Blue (14%)



- Red (8%)
- Yellow (11%)
- Blue (14%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (86%)



- Cyan (92%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 152123 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 152123 by changing the saturation by 10% instead.

■ 152123

■ 152123

■ F7FFFF

■ 000A0D

■ 404D4F

■ 000000

■ 576567

■ 707E80

■ 89989A

■ A4B3B5

■ BFCED1

■ DBEAED

■ 152123

■ 152123

■ 112123

■ 192223

■ 0E2023

■ 1C2223

■ 0B2023

■ 202323

■ 071F23

■ 232323

■ 031F23

■ 272423

■ 001E23

■ 2A2423

■ 2E2523

■ 312523

■ 352523

Harmonies

Analogous

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



16211F



152123



172026

Triad

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



152123



241D22



221F17

Complementary

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



152123



231715

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.



251E18



152123



271C1F

Square

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



152123



201E25



271D1B



1D2019

Rectangle

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



152123



1A2026



271D1B



231E18

Sweetspot

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



152123



282D2E



152317



141617



969696



171717

Same Dimension

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



152123



182B2E



151A23



101212



004652



00B3D1

Inverse Universe

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



231521



2E182B



231E15



121012



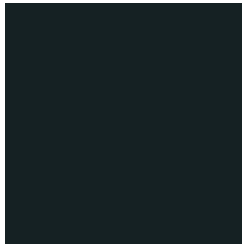
520046



D100B3

Previews

White Background



This preview shows how the Hex color 152123 looks on a white background.

Color Contrast Check

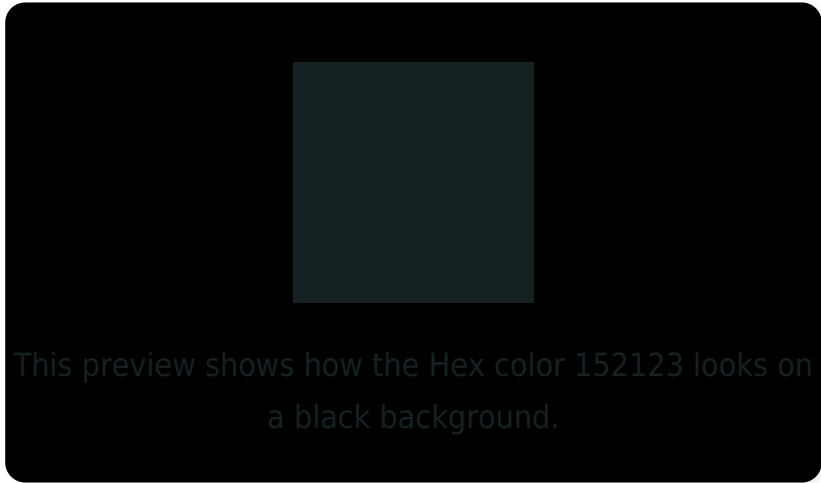
Large Text (above 18pt) WCAG AA ✓ Pass

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

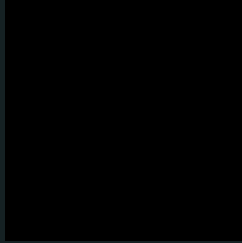
Any Text WCAG AA × Fail

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 152123 Background



This preview shows how black text looks on a background with the Hex color 152123.

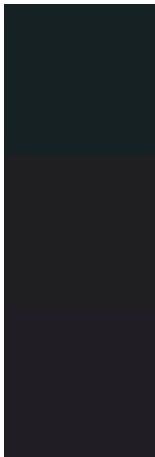


This preview shows how white text looks on a background with the Hex color 152123.

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
152123

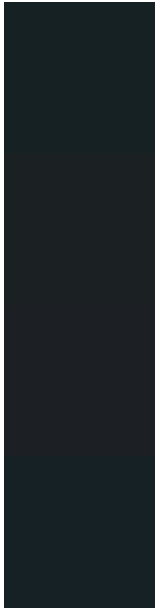
Protanopia
1F1F22

Deuteranopia
201E24



Tritanopia
152124

Trichromacy



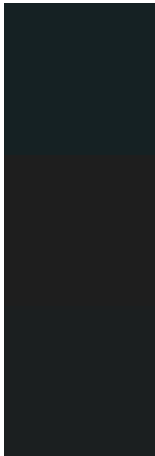
Original Color
152123

Protanomaly
1B2022

Deuteranomaly
1C1F24

Tritanomaly
152124

Monochromacy



Original Color
152123

Achromatopsia
1E1E1E

Achromatomaly
1B1F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 152123 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 #152123 looks like.

```
.text, #text, p{  
    color:#152123  
}
```

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 #152123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #152123
}
```

Border

The CSS property to change the border of an element to Hex 152123 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
#152123 }
```

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

```
.border{ border-color:#152123 }
```

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

Here you see how a box with a 4 pixel #152123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #152123; -webkit-box-shadow:4px 4px  
4px 4px #152123; box-shadow:4px 4px 4px  
4px #152123 }
```

Background

The CSS property to change the background color of an element to Hex 152123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#152123 }
```

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

```
.background{ background-color:#152123 }
```

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