

Converting Colors

Hex(153938)

Have a look what the booklet for
Hex(153938) contains.

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Color

Hex(153938)

Conversions

Conversions Part 1

Format	Color
Hex	153938
RGB	21, 57, 56
RGB Percent	8%, 22%, 22%
CMY	0.9176, 0.7765, 0.7804
CMYK	0.63, 0.00, 0.02, 0.78
HSL	178°, 46%, 15%
HSV	178°, 63%, 22%
XYZ	2.4862, 3.3712, 4.2611
YIQ	46.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

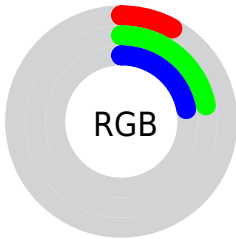
Format	Color
RYB	21, 39, 57
Decimal	1390904
CIELab	21.47, -13.10, -3.29
CIElCh	21, 13.506, 194.112
Yxy	3.3712, 0.2457, 0.3332
Android (android.graphics.Color)	4279580984 (0xFF153938)
YUV	46.1220, 4.8699, -22.0320
Hunter-Lab	18.3608, -7.9612, -0.9070

Details

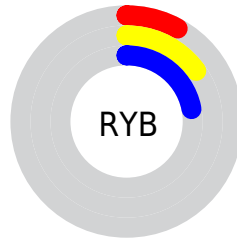
The Hex color **153938** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **391516**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **446867**, and **000B0D** is the 20% darker color. If you saturate the color by 10%, you get **0F3938**, and if you desaturate by 10%, it is **1B3938**.

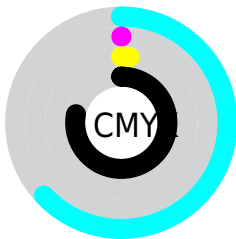
Distribution



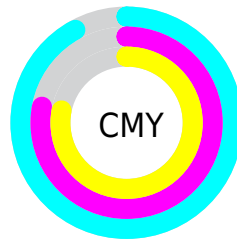
- Red (8%)
- Green (22%)
- Blue (22%)



- Red (8%)
- Yellow (15%)
- Blue (22%)



- Cyan (63%)
- Magenta (0%)
- Yellow (2%)
- Black (78%)



- Cyan (92%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153938 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 153938 by changing the saturation by 10% instead.

■ 153938

■ 153938

FFFFFF

■ 002323

■ 446867

■ 000B0D

■ 5D8180

■ 000000

■ 769B9A

■ 90B6B5

■ ABD2D0

■ C7EEEC

■ E3FFFF

■ 153938

■ 153938

■ 0F3938

■ 1B3938

■ 0A3938

■ 203938

■ 043938

■ 263938

■ 003937

■ 2C3939

■ 323939

■ 373939

■ 3D3939

■ 433939

■ 483939

Harmonies

Analogous

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



1F392E



153938



143841

Triad

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



153938



3B2F42



3F3120

Complementary

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



153938



391516

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.



462E26



153938



442D39

Square

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



153938



2D3347



472C2F



363420

Rectangle

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



153938



1A3745



472C2F



423022

Sweetspot

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



153938



3C4A4A



163915



1D2626



A6A6A6



262626

Same Dimension

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



153938



124A48



152839



191C1C



005C59



00DBD5

Inverse Universe

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



391516



4A1213



392615



1C1919



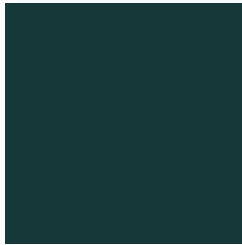
5C0003



DB0006

Previews

White Background



This preview shows how the Hex color 153938 looks on a white background.

Color Contrast Check

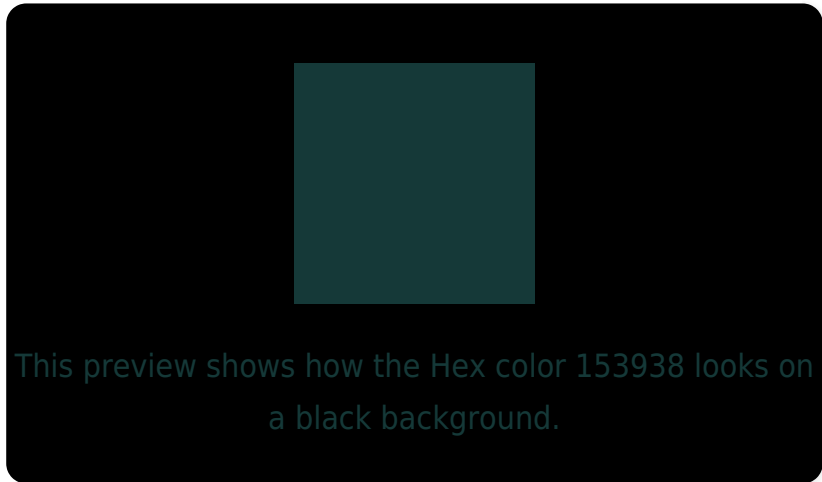
Large Text (above 18pt) WCAG AA ✓ Pass

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

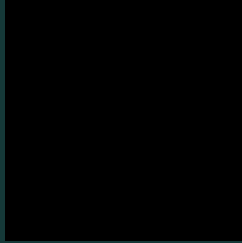
Any Text WCAG AA × Fail

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 153938 Background



This preview shows how black text looks on a background with the Hex color 153938.



This preview shows how white text looks on a background with the Hex color 153938.

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](#).

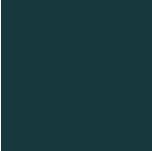
Dichromacy



Original Color
153938

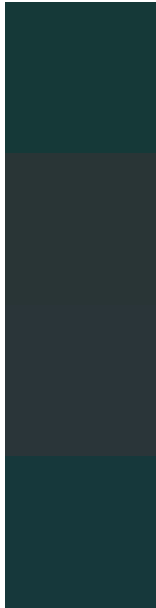
Protanopia
343335

Deuteranopia
363239



Tritanopia
17383D

Trichromacy



Original Color
153938

Protanomaly
293536

Deuteranomaly
2A3539

Tritanomaly
16383B

Monochromacy



Original Color
153938

Achromatopsia
2E2E2E

Achromatomaly
253232

CSS Examples

Text

The CSS property to change the color of the text to Hex 153938 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 #153938 looks like.

```
.text, #text, p{  
    color:#153938  
}
```

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 #153938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153938
}
```

Border

The CSS property to change the border of an element to Hex 153938 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
#153938 }
```

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

```
.border{ border-color:#153938 }
```

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

Here you see how a box with a 4 pixel #153938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153938; -webkit-box-shadow:4px 4px  
4px 4px #153938; box-shadow:4px 4px 4px  
4px #153938 }
```

Background

The CSS property to change the background color of an element to Hex 153938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153938 }
```

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

```
.background{ background-color:#153938 }
```

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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