

Converting Colors

Hex(151E4C)

Have a look what the booklet for
Hex(151E4C) contains.

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Color

Hex(151E4C)

Conversions

Conversions Part 1

Format	Color
Hex	151E4C
RGB	21, 30, 76
RGB Percent	8%, 12%, 30%
CMY	0.9176, 0.8824, 0.7020
CMYK	0.72, 0.61, 0.00, 0.70
HSL	230°, 57%, 19%
HSV	230°, 72%, 30%
XYZ	2.0780, 1.6098, 7.0387
YIQ	32.5530, -20.1300, 12.3980

Conversions

Conversions Part 2

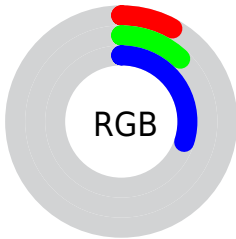
Format	Color
RYB	21, 29, 76
Decimal	1384012
CIELab	13.29, 13.56, -29.77
CIELCh	13, 32.712, 294.495
Yxy	1.6098, 0.1937, 0.1501
Android (android.graphics.Color)	4279574092 (0xFF151E4C)
YUV	32.5530, 21.4194, -10.1320
Hunter-Lab	12.6877, 7.0319, -24.0105

Details

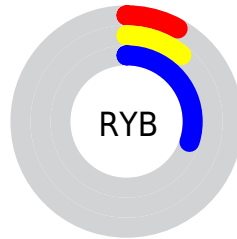
The Hex color **151E4C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C4315**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **48497D**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **0D184C**, and if you desaturate by 10%, it is **1D244C**.

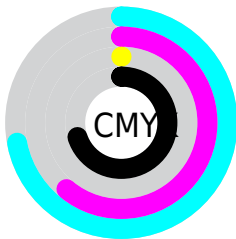
Distribution



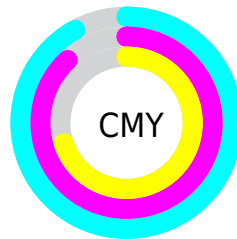
- Red (8%)
- Green (12%)
- Blue (30%)



- Red (8%)
- Yellow (11%)
- Blue (30%)



- Cyan (72%)
- Magenta (61%)
- Yellow (0%)
- Black (70%)



- Cyan (92%)
- Magenta (88%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 151E4C 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 151E4C by changing the saturation by 10% instead.

■ 151E4C

■ 151E4C

FFFFFF

■ 000635

■ 48497D

■ 00021F

■ 616198

■ 000002

■ 7B7AB2

■ 000000

■ 9594CE

■ B0AEEA

■ CCCAFF

■ E9E6FF

■ 151E4C

■ 151E4C

■ 0D184C

■ 1D244C

■ 06114C

■ 242B4C

■ 000C4C

■ 2C314C

■ 33374C

■ 3B3E4C

■ 43444C

■ 4A4A4C

■ 52514C

■ 59574C

Harmonies

Analogous

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



002650



151E4C



39113D

Triad

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



151E4C



401500



002C1D

Complementary

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



151E4C



4C4315

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.



002A00



151E4C



2F2000

Square

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



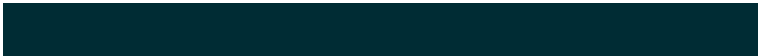
151E4C



480810



1A2600



002C34

Rectangle

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



151E4C



44082F



1A2600



002B15

Sweetspot

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



151E4C



4E5163



154C43



262833



B3B3B3



333333

Same Dimension

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



151E4C



0D1B63



27154C



222326



001166



0026E6

Inverse Universe

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



4C151E



630D1B



3A4C15



262223



660011



E60026

Previews

White Background



This preview shows how the Hex color 151E4C looks on a white background.

Color Contrast Check

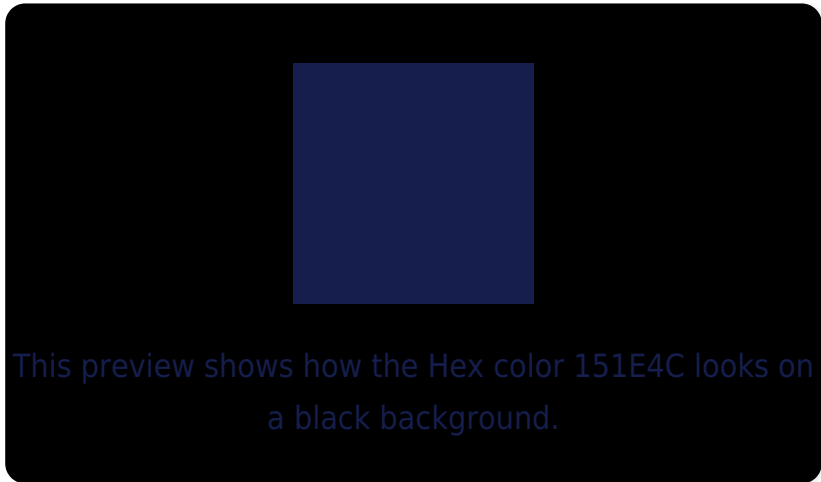
Large Text (above 18pt) WCAG AA ✓ Pass

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

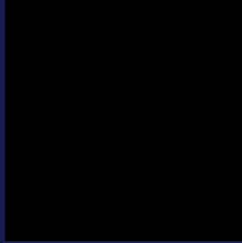
Any Text WCAG AA × Fail

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 151E4C Background



This preview shows how black text looks on a background with the Hex color 151E4C.



This preview shows how white text looks on a background with the Hex color 151E4C.

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
151E4C

Protanopia
002147

Deuteranopia
00233D



Tritanopia
002629

Trichromacy



Original Color
151E4C

Protanomaly
082049

Deuteranomaly
082142

Tritanomaly
082336

Monochromacy



Original Color
151E4C

Achromatopsia
212121

Achromatomaly
1D2031

CSS Examples

Text

The CSS property to change the color of the text to Hex 151E4C 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 #151E4C looks like.

```
.text, #text, p{  
    color:#151E4C  
}
```

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 #151E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151E4C
}
```

Border

The CSS property to change the border of an element to Hex 151E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

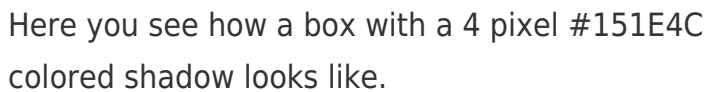
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#151E4C }
```

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

```
.border{ border-color:#151E4C }
```

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



Here you see how a box with a 4 pixel #151E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151E4C; -webkit-box-shadow:4px 4px  
4px 4px #151E4C; box-shadow:4px 4px 4px  
4px #151E4C }
```

Background

The CSS property to change the background color of an element to Hex 151E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151E4C }
```

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

```
.background{ background-color:#151E4C }
```

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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