

Converting Colors

Hex(157D31)

Have a look what the booklet for
Hex(157D31) contains.

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Color

Hex(157D31)

Conversions

Conversions Part 1

Format	Color
Hex	157D31
RGB	21, 125, 49
RGB Percent	8%, 49%, 19%
CMY	0.9176, 0.5098, 0.8078
CMYK	0.83, 0.00, 0.61, 0.51
HSL	136°, 71%, 29%
HSV	136°, 83%, 49%
XYZ	8.1973, 15.0484, 5.3783
YIQ	85.2400, -37.5880, -45.6840

Conversions

Conversions Part 2

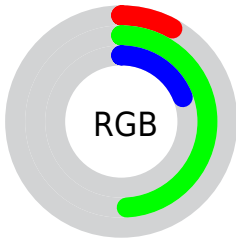
Format	Color
RYB	21, 103, 125
Decimal	1408305
CIELab	45.70, -45.04, 33.00
CIElCh	46, 55.835, 143.773
Yxy	15.0484, 0.2864, 0.5257
Android (android.graphics.Color)	4279598385 (0xFF157D31)
YUV	85.2400, -17.8663, -56.3385
Hunter-Lab	38.7923, -30.1674, 18.9344

Details

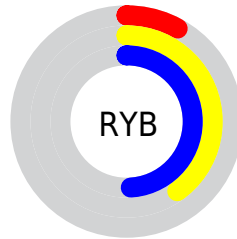
The Hex color **157D31** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7D1561**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **55B362**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **087D28**, and if you desaturate by 10%, it is **227D3A**.

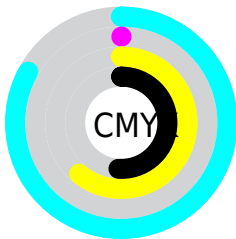
Distribution



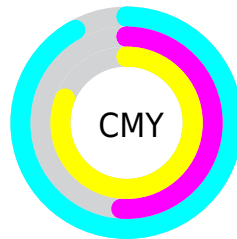
- Red (8%)
- Green (49%)
- Blue (19%)



- Red (8%)
- Yellow (40%)
- Blue (49%)



- Cyan (83%)
- Magenta (0%)
- Yellow (61%)
- Black (51%)




- Cyan (92%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157D31 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 157D31 by changing the saturation by 10% instead.

 157D31


 157D31

FFFFFF

 006319

 55B362

 004B00

 71CF7B

 003300

 8DEB96

 001C00


 AAFFB1

 000000

 C6FFCC

 E3FFE9

 157D31

 157D31

 087D28

 227D3A

■ 007D22

■ 2E7D43

■ 3B7D4C

■ 477D56

■ 537D5F

■ 607D68

■ 6D7D71

■ 797D7A

■ 867D83

Harmonies

Analogous

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



5E7500



157D31



008161

Triad

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



157D31



0075C9



BE404A

Complementary

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



157D31



7D1561

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.



BA3C78



157D31



5764C2

Square

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



157D31



007EB7



9B4EA4



AC531F

Rectangle

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



157D31



008281



9B4EA4



BF3C59

Sweetspot

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



157D31



7AA385



617D15



395240



D1D1D1



525252

Same Dimension

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



157D31



00A32C



157D65



39403B



008022



000000

Inverse Universe

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



7D1561



A30077



7D152D



40393E



80005D



000000

Previews

White Background



This preview shows how the Hex color 157D31 looks on a white background.

Color Contrast Check

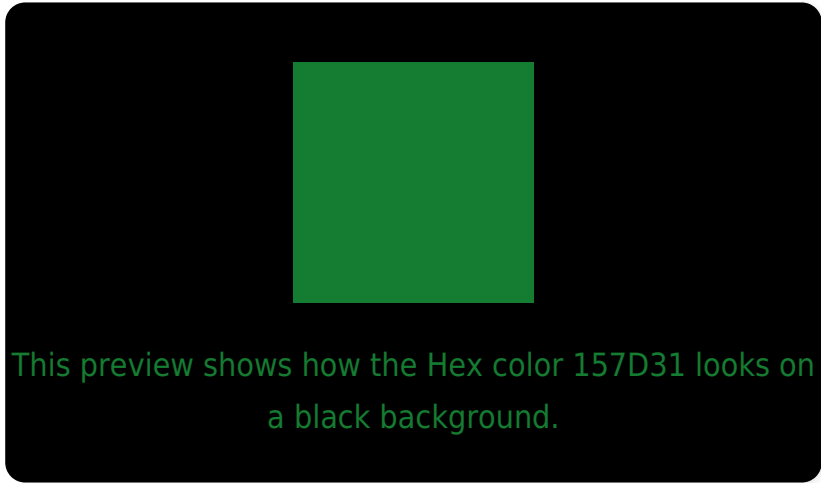
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 157D31 Background



This preview shows how black text looks on a background with the Hex color 157D31.



This preview shows how white text looks on a background with the Hex color 157D31.

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
157D31

Protanopia
786C2C

Deuteranopia
846738



Tritanopia
35757F

Trichromacy



Original Color
157D31



Protanomaly
54722E



Deuteranomaly
5C6F35



Tritanomaly
297863

Monochromacy



Original Color
157D31



Achromatopsia
555555



Achromatomaly
3E6448

CSS Examples

Text

The CSS property to change the color of the text to Hex 157D31 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 #157D31 looks like.

```
.text, #text, p{  
    color:#157D31  
}
```

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 #157D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157D31
}
```

Border

The CSS property to change the border of an element to Hex 157D31 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
#157D31 }
```

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

```
.border{ border-color:#157D31 }
```

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

Here you see how a box with a 4 pixel #157D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157D31; -webkit-box-shadow:4px 4px  
4px 4px #157D31; box-shadow:4px 4px 4px  
4px #157D31 }
```

Background

The CSS property to change the background color of an element to Hex 157D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157D31 }
```

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

```
.background{ background-color:#157D31 }
```

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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