

Converting Colors

Hex(105C31)

Have a look what the booklet for
Hex(105C31) contains.

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Color

Hex(105C31)

Conversions

Conversions Part 1

Format	Color
Hex	105C31
RGB	16, 92, 49
RGB Percent	6%, 36%, 19%
CMY	0.9373, 0.6392, 0.8078
CMYK	0.83, 0.00, 0.47, 0.64
HSL	146°, 70%, 21%
HSV	146°, 83%, 36%
XYZ	4.5952, 7.9862, 4.2050
YIQ	64.3740, -31.4930, -29.4850

Conversions

Conversions Part 2

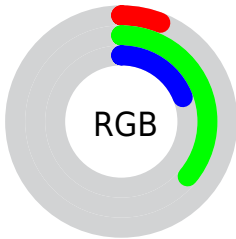
Format	Color
RYB	16, 69, 92
Decimal	1072177
CIELab	33.95, -33.17, 18.52
CIELCh	34, 37.993, 150.818
Yxy	7.9862, 0.2737, 0.4758
Android (android.graphics.Color)	4279262257 (0xFF105C31)
YUV	64.3740, -7.5794, -42.4240
Hunter-Lab	28.2599, -20.4297, 10.9596

Details

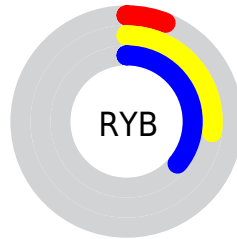
The Hex color **105C31** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C103B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **498F60**, and **002D03** is the 20% darker color. If you saturate the color by 10%, you get **075C2C**, and if you desaturate by 10%, it is **195C36**.

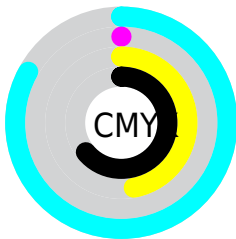
Distribution



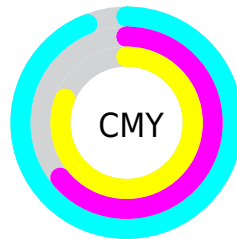
- Red (6%)
- Green (36%)
- Blue (19%)



- Red (6%)
- Yellow (27%)
- Blue (36%)



- Cyan (83%)
- Magenta (0%)
- Yellow (47%)
- Black (64%)



- Cyan (94%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 105C31 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 105C31 by changing the saturation by 10% instead.

 105C31

 105C31

FFFFFF

 00441B

 498F60

 002D03

 63AA79

 001600

 7EC593

 000000

 99E2AD

 B5FEC9

 D1FFE5

 EEEFFF

 105C31

 105C31

■ 075C2C

■ 195C36

■ 005C28

■ 225C3B

■ 2C5C41

■ 355C46

■ 3E5C4B

■ 475C50

■ 505C55

■ 5A5C5B

■ 635C60

Harmonies

Analogous

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



405718



105C31



005E50

Triad

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



105C31



00538C



853833

Complementary

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



105C31



5C103B

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.



853350



105C31



514884

Square

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



105C31



005A84



753B6E



76431A

Rectangle

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



105C31



005E64



753B6E



86353C

Sweetspot

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



105C31



5A7867



3B5C10



2B3D33



BDBDBD



3D3D3D

Same Dimension

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



105C31



017835



105C57



292E2B



006E30



00ED67

Inverse Universe

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



5C103B



780144



5C1015



2E292C



6E003E



ED0086

Previews

White Background



This preview shows how the Hex color 105C31 looks on a white background.

Color Contrast Check

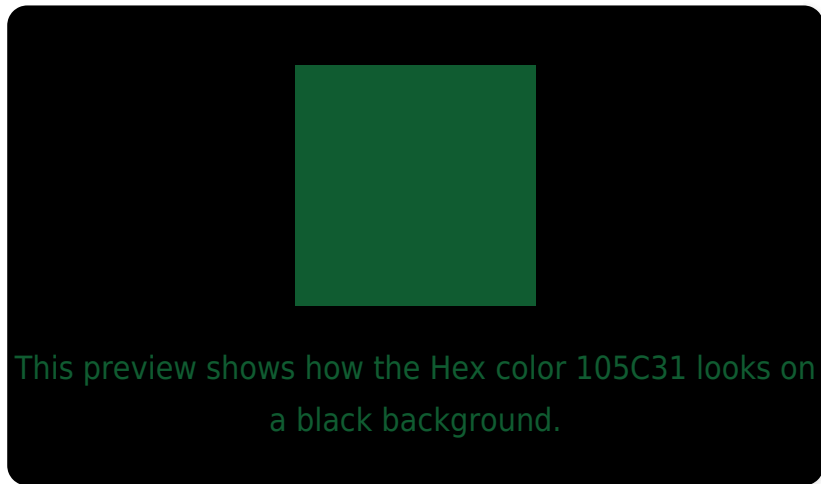
Large Text (above 18pt) WCAG AA ✓ Pass

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

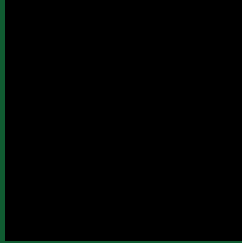
Any Text WCAG AA × Fail

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 105C31 Background



This preview shows how black text looks on a background with the Hex color 105C31.



This preview shows how white text looks on a background with the Hex color 105C31.

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
105C31

Protanopia
58502D

Deuteranopia
604C35

Trichromacy



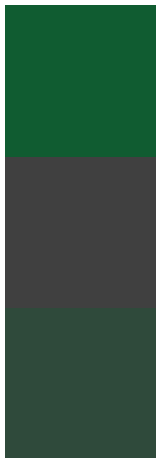
Original Color
105C31

Protanomaly
3E542E

Deuteranomaly
435234

Tritanomaly
1D594E

Monochromacy



Original Color
105C31

Achromatopsia
404040

Achromatomaly
2F4A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 105C31 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 #105C31 looks like.

```
.text, #text, p{  
    color:#105C31  
}
```

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 #105C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #105C31
}
```

Border

The CSS property to change the border of an element to Hex 105C31 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
#105C31 }
```

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

```
.border{ border-color:#105C31 }
```

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

Here you see how a box with a 4 pixel #105C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #105C31; -webkit-box-shadow:4px 4px  
4px 4px #105C31; box-shadow:4px 4px 4px  
4px #105C31 }
```

Background

The CSS property to change the background color of an element to Hex 105C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#105C31 }
```

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

```
.background{ background-color:#105C31 }
```

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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