

Converting Colors

Hex(187D35)

Have a look what the booklet for
Hex(187D35) contains.

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Color

Hex(187D35)

Conversions

Conversions Part 1

Format	Color
Hex	187D35
RGB	24, 125, 53
RGB Percent	9%, 49%, 21%
CMY	0.9059, 0.5098, 0.7922
CMYK	0.81, 0.00, 0.58, 0.51
HSL	137°, 68%, 29%
HSV	137°, 81%, 49%
XYZ	8.3529, 15.1185, 5.8461
YIQ	86.5930, -37.0840, -43.8040

Conversions

Conversions Part 2

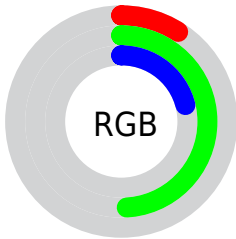
Format	Color
R_{YB}	24, 102, 125
Decimal	1604917
CIE _{Lab}	45.80, -44.06, 31.09
CIE _{LCh}	46, 53.930, 144.791
Yxy	15.1185, 0.2849, 0.5157
Android (android.graphics.Color)	4279794997 (0xFF187D35)
YUV	86.5930, -16.5613, -54.8941
Hunter-Lab	38.8825, -29.6981, 18.3033

Details

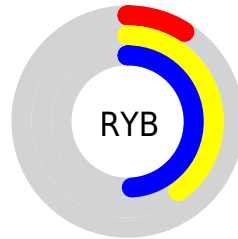
The Hex color **187D35** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7D1860**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **57B366**, and **004B05** is the 20% darker color. If you saturate the color by 10%, you get **0C7D2C**, and if you desaturate by 10%, it is **257D3E**.

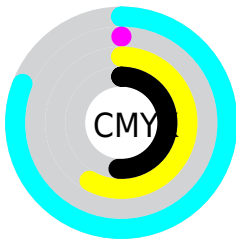
Distribution



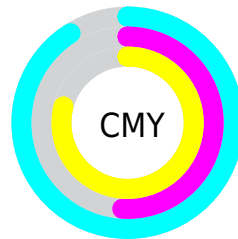
- Red (9%)
- Green (49%)
- Blue (21%)



- Red (9%)
- Yellow (40%)
- Blue (49%)



- Cyan (81%)
- Magenta (0%)
- Yellow (58%)
- Black (51%)



- Cyan (91%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187D35 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 187D35 by changing the saturation by 10% instead.

 187D35

 187D35

FFFFFF

 00631E

 57B366

 004B05

 72CF7F

 003300

 8EEB9A

 001D00

 ABFFB5

 000000

 C7FFD1

 E4FFED

 187D35

 187D35

 0C7D2C

 257D3E

■ 007D24

■ 317D47

■ 3D7D50

■ 4A7D59

■ 567D62

■ 637D6A

■ 707D73

■ 7C7D7C

■ 897D85

Harmonies

Analogous

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



5E7509



187D35



008163

Triad

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



187D35



0074C7



BC4349

Complementary

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



187D35



7D1860

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.



B83F76



187D35



5C64BF

Square

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



187D35



007EB6



9B4FA1



AA5521

Rectangle

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



187D35



008182



9B4FA1



BD3F58

Sweetspot

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



187D35



7CA387



607D18



3A5241



D1D1D1



525252

Same Dimension

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



187D35



05A332



187D67



39403B



008025



000000

Inverse Universe

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



7D1860



A30576



7D182E



40393E



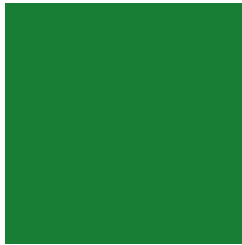
80005B



000000

Previews

White Background



This preview shows how the Hex color 187D35 looks on a white background.

Color Contrast Check

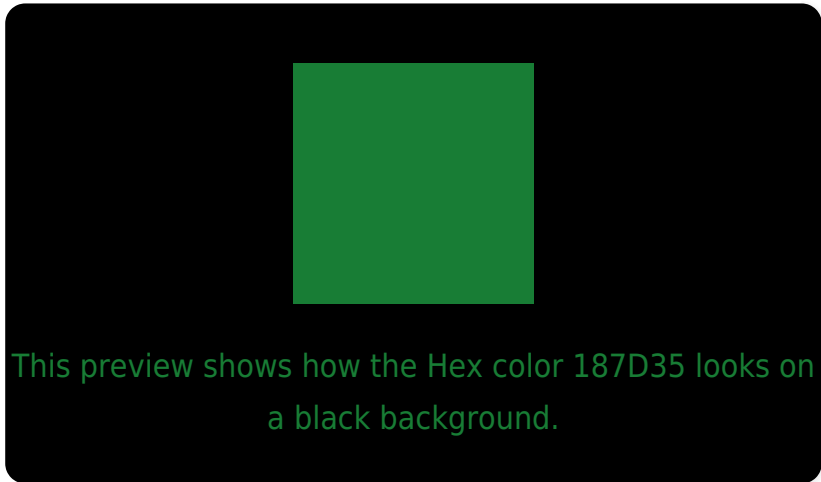
Large Text (above 18pt) WCAG AA ✓ Pass

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

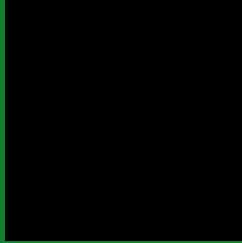
Any Text WCAG AA × Fail

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 187D35 Background



This preview shows how black text looks on a background with the Hex color 187D35.



This preview shows how white text looks on a background with the Hex color 187D35.

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
187D35

Protanopia
786C30

Deuteranopia
84673B



Tritanopia
36757F

Trichromacy



Original Color
187D35



Protanomaly
557232



Deuteranomaly
5D6F39



Tritanomaly
2B7864

Monochromacy



Original Color
187D35



Achromatopsia
575757



Achromatomaly
40654B

CSS Examples

Text

The CSS property to change the color of the text to Hex 187D35 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 #187D35 looks like.

```
.text, #text, p{  
    color:#187D35  
}
```

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 #187D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187D35
}
```

Border

The CSS property to change the border of an element to Hex 187D35 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".

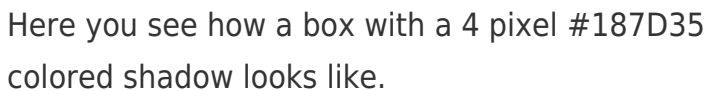
```
.border, #border, table{ border:4px solid
#187D35 }
```

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

```
.border{ border-color:#187D35 }
```

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

Here you see how a box with a 4 pixel #187D35 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187D35; -webkit-box-shadow:4px 4px  
4px 4px #187D35; box-shadow:4px 4px 4px  
4px #187D35 }
```

Background

The CSS property to change the background color of an element to Hex 187D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187D35 }
```

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

```
.background{ background-color:#187D35 }
```

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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