

Converting Colors

Hex(187952)

Have a look what the booklet for
Hex(187952) contains.

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Color

Hex(187952)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 187952 |
| RGB | 24, 121, 82 |
| RGB Percent | 9%, 47%, 32% |
| CMY | 0.9059, 0.5255, 0.6784 |
| CMYK | 0.80, 0.00, 0.32, 0.53 |
| HSL | 156°, 67%, 28% |
| HSV | 156°, 80%, 47% |
| XYZ | 8.7371, 14.4781, 10.3167 |
| YIQ | 87.5510, -45.2930, -32.6930 |

Conversions

Conversions Part 2

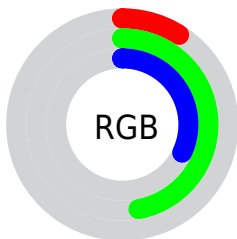
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 24, 85, 121 |
| Decimal | 1603922 |
| CIE _{Lab} | 44.91, -36.89, 13.84 |
| CIE _{LCh} | 45, 39.403, 159.435 |
| Yxy | 14.4781, 0.2606, 0.4318 |
| Android (android.graphics.Color) | 4279794002 (0xFF187952) |
| YUV | 87.5510, -2.7366, -55.7342 |
| Hunter-Lab | 38.0501, -25.6007, 10.5595 |

Details

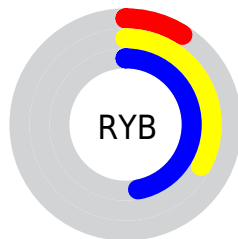
The Hex color **187952** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **79183F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55AE84**, and **004725** is the 20% darker color. If you saturate the color by 10%, you get **0C794D**, and if you desaturate by 10%, it is **247957**.

Distribution



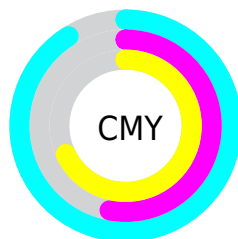
- Red (9%)
- Green (47%)
- Blue (32%)



- Red (9%)
- Yellow (33%)
- Blue (47%)



- Cyan (80%)
- Magenta (0%)
- Yellow (32%)
- Black (53%)



- Cyan (91%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187952 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 187952 by changing the saturation by 10% instead.

 187952

 187952

FFFFFF

 00603B

 55AE84

 004725

 71CA9E

 003010

 8CE6B9

 001A00

 A8FFD4

 000000

 C5FFF1

 E2FFFF

 187952

 187952

 0C794D

 247957

■ 007948

■ 30795C

■ 3C7961

■ 487965

■ 54796A

■ 61796F

■ 6D7974

■ 797979

■ 85797E

Harmonies

Analogous

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



507435



187952



007B74

Triad

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



187952



426AAB



A25442

Complementary

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



187952



79183F

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.



A74E61



187952



7A5D9D

Square

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



187952



0074A7



9A5182



8F602C

Rectangle

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



187952



007A8A



9A5182



A6514C

Sweetspot

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



187952



789E8F



407918



384F46



CFCFCF



4F4F4F

Same Dimension

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



187952



069E61



187179



373D3B



007D4B



00FC97

Inverse Universe

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



79183F



9E0643



792018



3D373A



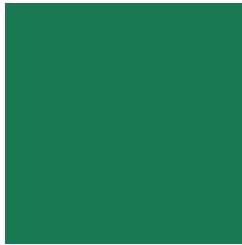
7D0032



FC0066

Previews

White Background



This preview shows how the Hex color 187952 looks on a white background.

Color Contrast Check

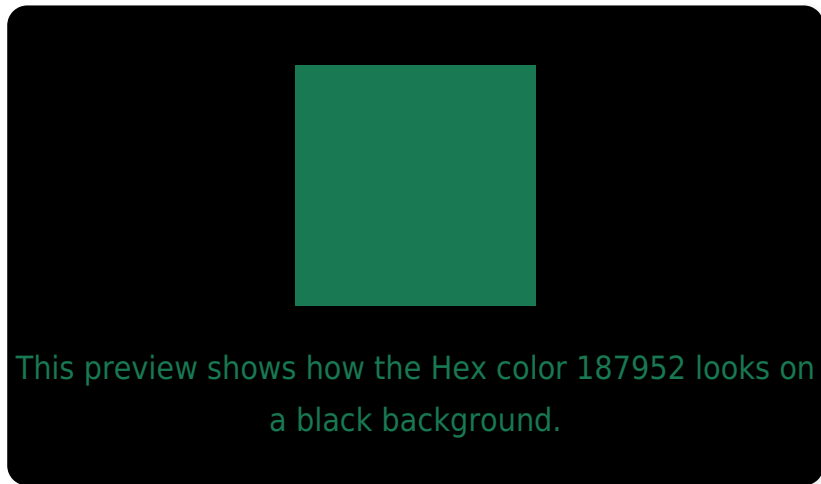
Large Text (above 18pt) WCAG AA ✓ Pass

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

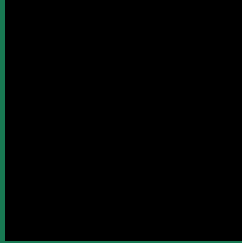
Any Text WCAG AA × Fail

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 187952 Background



This preview shows how black text looks on a background with the Hex color 187952.



This preview shows how white text looks on a background with the Hex color 187952.

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
187952

Protanopia
726A4B

Deuteranopia
7B6656



Tritanopia
2F747D

Trichromacy



Original Color
187952

Protanomaly
516F4E

Deuteranomaly
576D55

Tritanomaly
27766D

Monochromacy



Original Color
187952

Achromatopsia
585858

Achromatomaly
416456

CSS Examples

Text

The CSS property to change the color of the text to Hex 187952 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 #187952 looks like.

```
.text, #text, p{  
    color:#187952  
}
```

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 #187952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187952
}
```

Border

The CSS property to change the border of an element to Hex 187952 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
#187952 }
```

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

```
.border{ border-color:#187952 }
```

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

Here you see how a box with a 4 pixel #187952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187952; -webkit-box-shadow:4px 4px  
4px 4px #187952; box-shadow:4px 4px 4px  
4px #187952 }
```

Background

The CSS property to change the background color of an element to Hex 187952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187952 }
```

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

```
.background{ background-color:#187952 }
```

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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