

Converting Colors

Hex(178F52)

Have a look what the booklet for
Hex(178F52) contains.

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Color

Hex(178F52)

Conversions

Conversions Part 1

Format	Color
Hex	178F52
RGB	23, 143, 82
RGB Percent	9%, 56%, 32%
CMY	0.9098, 0.4392, 0.6784
CMYK	0.84, 0.00, 0.43, 0.44
HSL	150°, 72%, 33%
HSV	150°, 84%, 56%
XYZ	11.6988, 20.4363, 11.3106
YIQ	100.1660, -51.9390, -44.4110

Conversions

Conversions Part 2

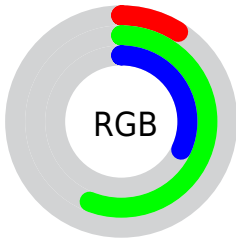
Format	Color
R_{YB}	23, 103, 143
Decimal	1544018
CIE _{Lab}	52.33, -45.80, 23.79
CIE _{LCh}	52, 51.606, 152.551
Yxy	20.4363, 0.2693, 0.4704
Android (android.graphics.Color)	4279734098 (0xFF178F52)
YUV	100.1660, -8.9558, -67.6746
Hunter-Lab	45.2065, -32.9181, 16.8102

Details

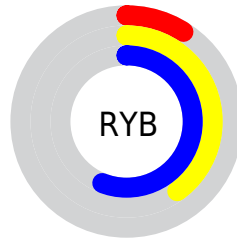
The Hex color **178F52** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8F1754**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5AC684**, and **005B24** is the 20% darker color. If you saturate the color by 10%, you get **098F4B**, and if you desaturate by 10%, it is **258F59**.

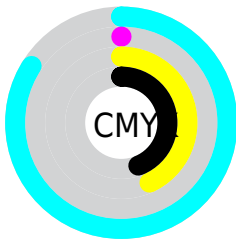
Distribution



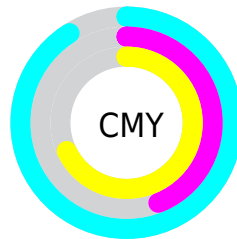
- Red (9%)
- Green (56%)
- Blue (32%)



- Red (9%)
- Yellow (40%)
- Blue (56%)



- Cyan (84%)
- Magenta (0%)
- Yellow (43%)
- Black (44%)



- Cyan (91%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 178F52 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 178F52 by changing the saturation by 10% instead.

 178F52

 178F52

FFFFFF

 00753A

 5AC684

 005B24

 77E29E

 00430E

 94FFBA

 002C00

 B0FFD5

 000F00

 CEFFF2

 000000

 EBFFFF

 178F52

 178F52

 098F4B

 258F59

■ 008F46

■ 348F61

■ 428F68

■ 508F6F

■ 5F8F76

■ 6D8F7E

■ 7B8F85

■ 898F8C

■ 988F93

Harmonies

Analogous

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



63882C



178F52



00927F

Triad

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



178F52



0281D5



CA5A50

Complementary

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



178F52



8F1754

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.



CC537B



178F52



836FC8

Square

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



178F52



008CCB



B55DA6



B46B2C

Rectangle

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



178F52



00929D



B55DA6



CD565E

Sweetspot

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



178F52



8CBAA2



558F17



425E50



DEDEDE



5E5E5E

Same Dimension

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



178F52



00BA5C



178F8D



404744



008742



000804

Inverse Universe

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



8F1754



BA005F



8F1719



474044



870045



080004

Previews

White Background



This preview shows how the Hex color 178F52 looks on a white background.

Color Contrast Check

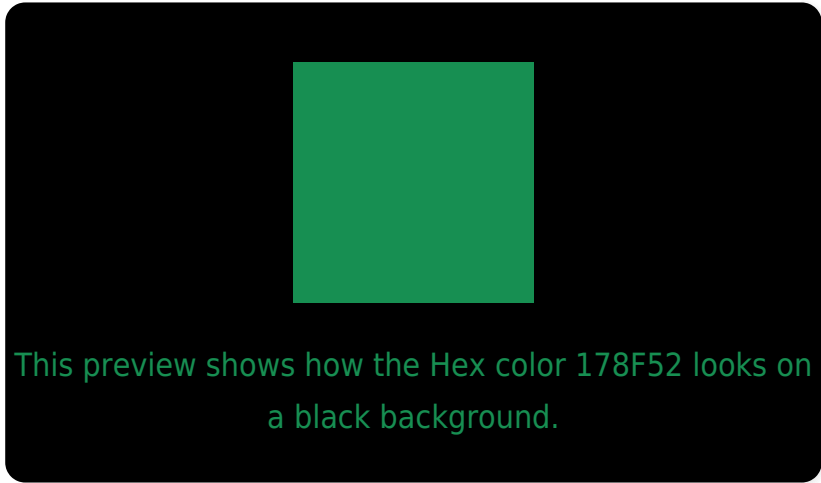
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

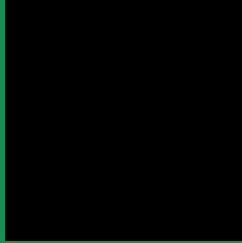
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 178F52 Background



This preview shows how black text looks on a background with the Hex color 178F52.

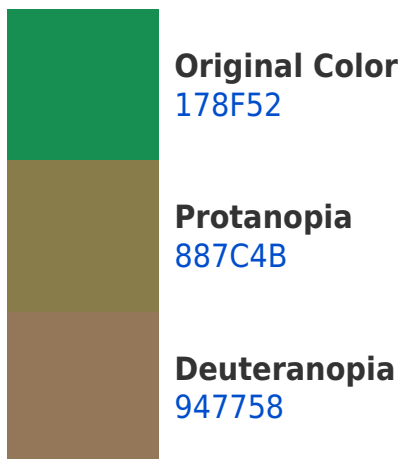


This preview shows how white text looks on a background with the Hex color 178F52.

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





Tritanopia
388892

Trichromacy



Original Color
178F52



Protanomaly
5F834E



Deuteranomaly
678056



Tritanomaly
2C8B7B

Monochromacy



Original Color
178F52



Achromatopsia
646464



Achromatomaly
48745D

CSS Examples

Text

The CSS property to change the color of the text to Hex 178F52 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 #178F52 looks like.

```
.text, #text, p{  
    color:#178F52  
}
```

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 #178F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #178F52  
}
```

Border

The CSS property to change the border of an element to Hex 178F52 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  
#178F52 }
```

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

```
.border{ border-color:#178F52 }
```

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

Here you see how a box with a 4 pixel #178F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #178F52; -webkit-box-shadow:4px 4px  
4px 4px #178F52; box-shadow:4px 4px 4px  
4px #178F52 }
```

Background

The CSS property to change the background color of an element to Hex 178F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#178F52 }
```

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

```
.background{ background-color:#178F52 }
```

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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