

Converting Colors

Hex(188B63)

Have a look what the booklet for
Hex(188B63) contains.

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Color

Hex(188B63)

Conversions

Conversions Part 1

Format	Color
Hex	188B63
RGB	24, 139, 99
RGB Percent	9%, 55%, 39%
CMY	0.9059, 0.4549, 0.6118
CMYK	0.83, 0.00, 0.29, 0.45
HSL	159°, 71%, 32%
HSV	159°, 83%, 55%
XYZ	11.8614, 19.5603, 14.9547
YIQ	100.0550, -55.7000, -36.8200

Conversions

Conversions Part 2

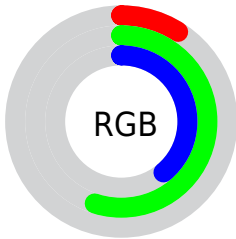
Format	Color
R_{YB}	24, 94, 139
Decimal	1608547
CIE _{Lab}	51.34, -40.38, 12.91
CIE _{LCh}	51, 42.392, 162.273
Yxy	19.5603, 0.2558, 0.4218
Android (android.graphics.Color)	4279798627 (0xFF188B63)
YUV	100.0550, -0.5201, -66.7002
Hunter-Lab	44.2270, -29.5245, 10.9108

Details

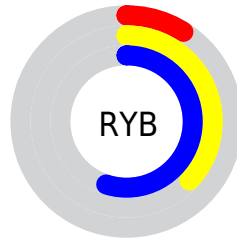
The Hex color **188B63** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B1840**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5AC196**, and **005834** is the 20% darker color. If you saturate the color by 10%, you get **0A8B5E**, and if you desaturate by 10%, it is **268B68**.

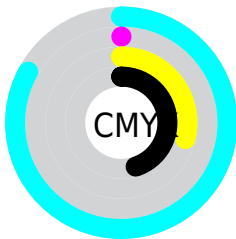
Distribution



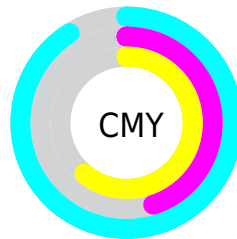
- Red (9%)
- Green (55%)
- Blue (39%)



- Red (9%)
- Yellow (37%)
- Blue (55%)



- Cyan (83%)
- Magenta (0%)
- Yellow (29%)
- Black (45%)



- Cyan (91%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188B63 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 188B63 by changing the saturation by 10% instead.

 188B63

 188B63


FFFFFF

 00714B

 5AC196

 005834

 76DEB1

 003F1F

 93FACC

 002A08

 B0FFE8

 000900

 CDFFFF

 000000

 EAFFFF

 188B63

 188B63

 0A8B5E

 268B68

■ 008B5B

■ 348B6D

■ 428B72

■ 508B76

■ 5E8B7B

■ 6B8B80

■ 798B85

■ 878B8A

■ 958B8F

Harmonies

Analogous

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



598642



188B63



008D89

Triad

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



188B63



5779C1



B7634B

Complementary

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



188B63



8B1840

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.



BE5B6D



188B63



906BB0

Square

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



188B63



0084BF



B25E91



A17134

Rectangle

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



188B63



008CA0



B25E91



BB6056

Sweetspot

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



188B63



88B5A5



408B18



405C52



DBDBDB



5C5C5C

Same Dimension

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



188B63



02B577



187A8B



3E4542



008556



000503

Inverse Universe

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



8B1840



B50240



8B2918



453E40



85002E



050002

Previews

White Background



This preview shows how the Hex color 188B63 looks on a white background.

Color Contrast Check

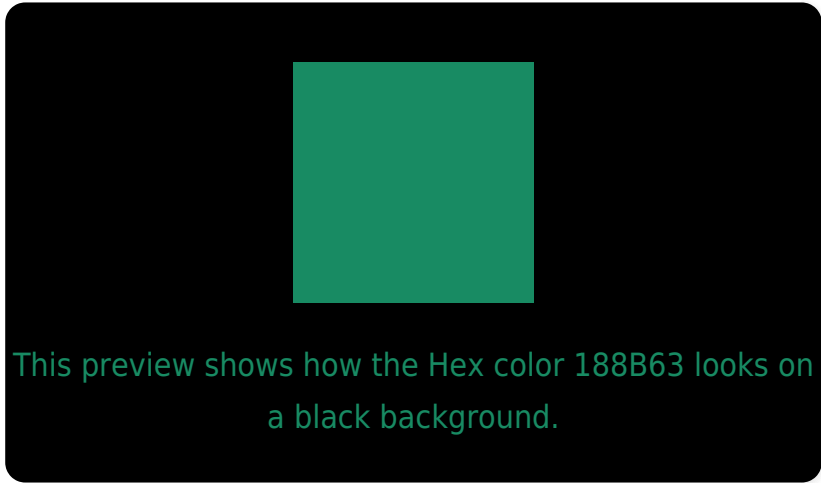
Large Text (above 18pt) WCAG AA ✓ Pass

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

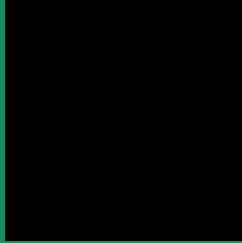
Any Text WCAG AA ✓ Pass

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 188B63 Background



This preview shows how black text looks on a background with the Hex color 188B63.

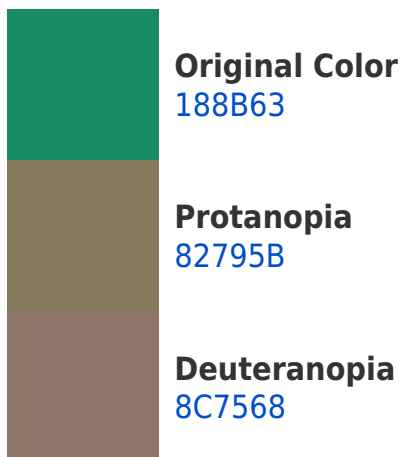


This preview shows how white text looks on a background with the Hex color 188B63.

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
338590

Trichromacy



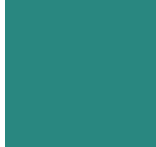
Original Color
188B63



Protanomaly
5B805E



Deuteranomaly
627D66



Tritanomaly
298780

Monochromacy



Original Color
188B63



Achromatopsia
646464



Achromatomaly
487264

CSS Examples

Text

The CSS property to change the color of the text to Hex 188B63 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 #188B63 looks like.

```
.text, #text, p{  
    color:#188B63  
}
```

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 #188B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188B63
}
```

Border

The CSS property to change the border of an element to Hex 188B63 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
#188B63 }
```

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

```
.border{ border-color:#188B63 }
```

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

Here you see how a box with a 4 pixel #188B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188B63; -webkit-box-shadow:4px 4px  
4px 4px #188B63; box-shadow:4px 4px 4px  
4px #188B63 }
```

Background

The CSS property to change the background color of an element to Hex 188B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188B63 }
```

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

```
.background{ background-color:#188B63 }
```

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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