

Converting Colors

Hex(1A8E58)

Have a look what the booklet for
Hex(1A8E58) contains.

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Color

Hex(1A8E58)

Conversions

Conversions Part 1

Format	Color
Hex	1A8E58
RGB	26, 142, 88
RGB Percent	10%, 56%, 35%
CMY	0.8980, 0.4431, 0.6549
CMYK	0.82, 0.00, 0.38, 0.44
HSL	152°, 69%, 33%
HSV	152°, 82%, 56%
XYZ	11.8605, 20.2702, 12.5199
YIQ	101.1600, -51.8020, -41.3860

Conversions

Conversions Part 2

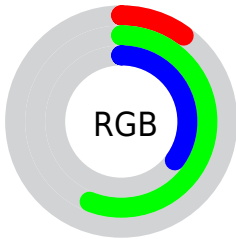
Format	Color
R_{YB}	26, 102, 142
Decimal	1740376
CIE Lab	52.14, -43.86, 20.23
CIE LCh	52, 48.297, 155.237
Yxy	20.2702, 0.2656, 0.4540
Android (android.graphics.Color)	4279930456 (0xFF1A8E58)
YUV	101.1600, -6.4879, -65.9153
Hunter-Lab	45.0224, -31.7662, 15.0282

Details

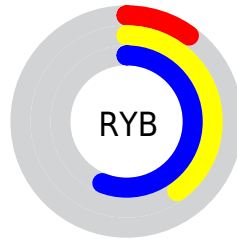
The Hex color **1A8E58** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E1A50**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5BC58A**, and **005A2A** is the 20% darker color. If you saturate the color by 10%, you get **0C8E51**, and if you desaturate by 10%, it is **288E5F**.

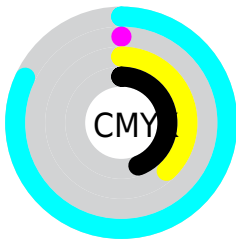
Distribution



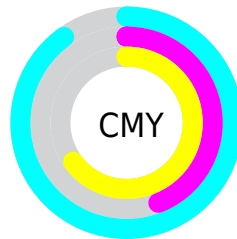
- Red (10%)
- Green (56%)
- Blue (35%)



- Red (10%)
- Yellow (40%)
- Blue (56%)



- Cyan (82%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (90%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A8E58 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 1A8E58 by changing the saturation by 10% instead.

 1A8E58

 1A8E58

FFFFFF

 007440

 5BC58A

 005A2A

 78E1A5

 004214

 94FEC0

 002C00

 B1FFDC

 000E00

 CEFFF9

 000000

 ECFFFF

 1A8E58

 1A8E58

 0C8E51

 288E5F

■ 008E4C

■ 368E65

■ 458E6C

■ 538E72

■ 618E79

■ 6F8E80

■ 7D8E86

■ 8C8E8D

■ 9A8E93

Harmonies

Analogous

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



618835



1A8E58



009183

Triad

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



1A8E58



337FCF



C45E4F

Complementary

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



1A8E58



8E1A50

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.



C75777



1A8E58



886EC0

Square

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



1A8E58



008AC7



B45EA0



AE6E30

Rectangle

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



1A8E58



00909E



B45EA0



C75A5B

Sweetspot

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



1A8E58



8AB8A2



508E1A



405C4F



DBDBDB



5C5C5C

Same Dimension

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



1A8E58



04B864



1A8A8E



404744



008748



000804

Inverse Universe

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



8E1A50



B80457



8E1E1A



474044



87003F



080004

Previews

White Background



This preview shows how the Hex color 1A8E58 looks on a white background.

Color Contrast Check

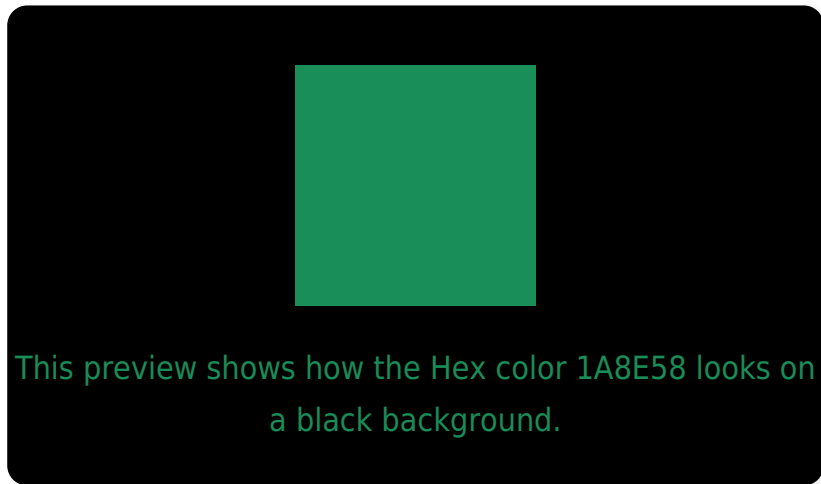
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A8E58 Background



This preview shows how black text looks on a background with the Hex color 1A8E58.



This preview shows how white text looks on a background with the Hex color 1A8E58.

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
1A8E58

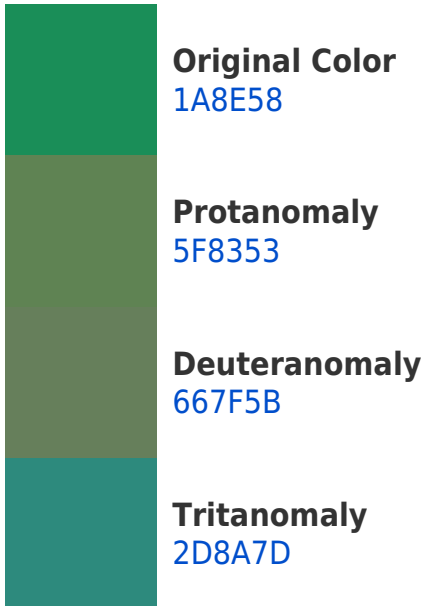
Protanopia
867C50

Deuteranopia
91765D

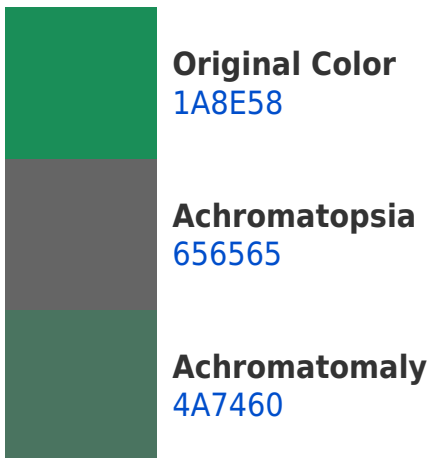


Tritanopia
388792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A8E58 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 #1A8E58 looks like.

```
.text, #text, p{  
    color:#1A8E58  
}
```

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 #1A8E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8E58
}
```

Border

The CSS property to change the border of an element to Hex 1A8E58 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
#1A8E58 }
```

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

```
.border{ border-color:#1A8E58 }
```

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

Here you see how a box with a 4 pixel #1A8E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A8E58; -webkit-box-shadow:4px 4px  
4px 4px #1A8E58; box-shadow:4px 4px 4px  
4px #1A8E58 }
```

Background

The CSS property to change the background color of an element to Hex 1A8E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8E58 }
```

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

```
.background{ background-color:#1A8E58 }
```

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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