

Converting Colors

Hex(158943)

Have a look what the booklet for
Hex(158943) contains.

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Color

Hex(158943)

Conversions

Conversions Part 1

Format	Color
Hex	158943
RGB	21, 137, 67
RGB Percent	8%, 54%, 26%
CMY	0.9176, 0.4627, 0.7373
CMYK	0.85, 0.00, 0.51, 0.46
HSL	144°, 73%, 31%
HSV	144°, 85%, 54%
XYZ	10.2680, 18.4560, 8.3314
YIQ	94.3360, -46.6660, -46.3620

Conversions

Conversions Part 2

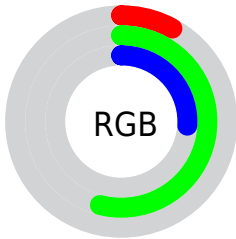
Format	Color
RYB	21, 104, 137
Decimal	1411395
CIELab	50.04, -46.54, 28.96
CIELCh	50, 54.817, 148.107
Yxy	18.4560, 0.2771, 0.4981
Android (android.graphics.Color)	4279601475 (0xFF158943)
YUV	94.3360, -13.4766, -64.3157
Hunter-Lab	42.9604, -32.5172, 18.5741

Details

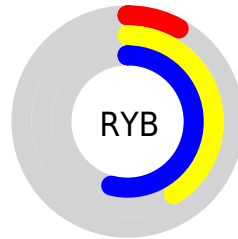
The Hex color **158943** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **89155B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **58BF74**, and **005614** is the 20% darker color. If you saturate the color by 10%, you get **07893B**, and if you desaturate by 10%, it is **23894B**.

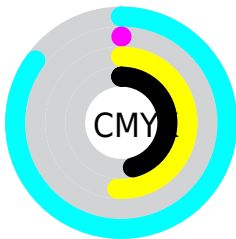
Distribution



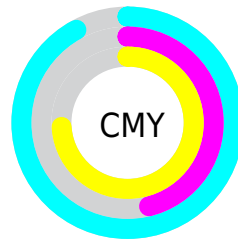
- Red (8%)
- Green (54%)
- Blue (26%)



- Red (8%)
- Yellow (41%)
- Blue (54%)



- Cyan (85%)
- Magenta (0%)
- Yellow (51%)
- Black (46%)



- Cyan (92%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158943 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 158943 by changing the saturation by 10% instead.

 158943

 158943

FFFFFF

 006F2C

 58BF74

 005614

 75DC8E

 003D00

 91F9A9

 002800

 AEFFC5

 000000

 CBFFE1

 E8FFFE

 158943

 158943

 07893B

 23894B

■ 008936

■ 308954

■ 3E895C

■ 4C8964

■ 59896C

■ 678975

■ 75897D

■ 838985

■ 90898D

Harmonies

Analogous

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



63811A



158943



008D73

Triad

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



158943



007DD5



C84F4E

Complementary

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



158943



89155B

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.



C8497C



158943



716CCA

Square

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



158943



0088C6



AC57A9



B46126

Rectangle

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



158943



008D93



AC57A9



CB4B5D

Sweetspot

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



158943



86B398



5D8915



3E5949



D9D9D9



595959

Same Dimension

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



158943



00B347



15897B



3E4541



008535



000502

Inverse Universe

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



89155B



B3006C



891523



453E42



850050



050003

Previews

White Background



This preview shows how the Hex color 158943 looks on a white background.

Color Contrast Check

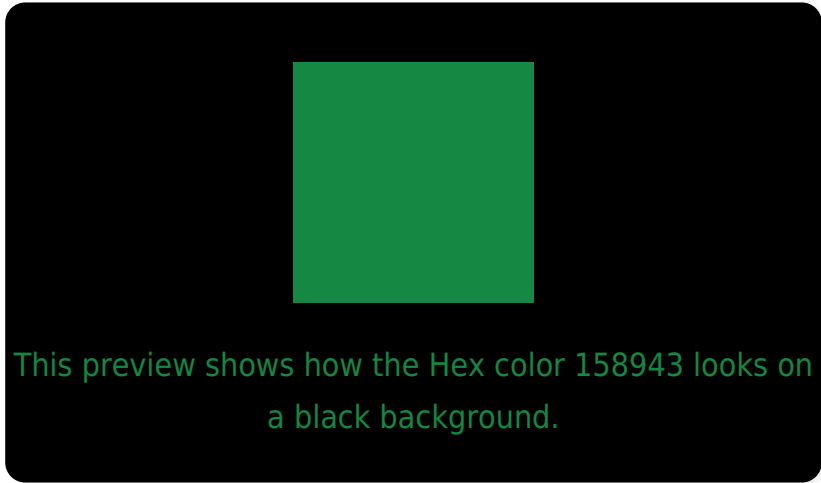
Large Text (above 18pt) WCAG AA ✓ Pass

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

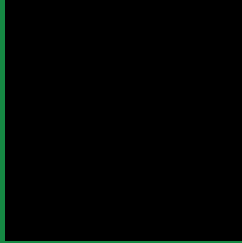
Any Text WCAG AA ✓ Pass

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 158943 Background



This preview shows how black text looks on a background with the Hex color 158943.



This preview shows how white text looks on a background with the Hex color 158943.

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
158943

Protanopia
83763D

Deuteranopia
8F7149



Tritanopia
38818C

Trichromacy



Original Color
158943



Protanomaly
5B7D3F



Deuteranomaly
637A47



Tritanomaly
2B8471

Monochromacy



Original Color
158943



Achromatopsia
5E5E5E



Achromatomaly
436E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 158943 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 #158943 looks like.

```
.text, #text, p{  
    color:#158943  
}
```

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 #158943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158943
}
```

Border

The CSS property to change the border of an element to Hex 158943 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
#158943 }
```

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

```
.border{ border-color:#158943 }
```

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

Here you see how a box with a 4 pixel #158943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158943; -webkit-box-shadow:4px 4px  
4px 4px #158943; box-shadow:4px 4px 4px  
4px #158943 }
```

Background

The CSS property to change the background color of an element to Hex 158943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158943 }
```

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

```
.background{ background-color:#158943 }
```

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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