

Converting Colors

Hex(158A1D)

Have a look what the booklet for
Hex(158A1D) contains.

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Color

Hex(158A1D)

Conversions

Conversions Part 1

Format	Color
Hex	158A1D
RGB	21, 138, 29
RGB Percent	8%, 54%, 11%
CMY	0.9176, 0.4588, 0.8863
CMYK	0.85, 0.00, 0.79, 0.46
HSL	124°, 74%, 31%
HSV	124°, 85%, 54%
XYZ	9.6195, 18.4251, 4.2118
YIQ	90.5910, -34.7430, -58.7030

Conversions

Conversions Part 2

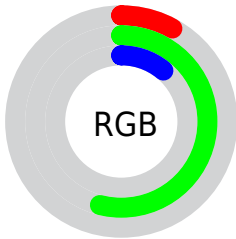
Format	Color
R_{YB}	21, 131, 138
Decimal	1411613
CIE _{Lab}	50.01, -51.51, 46.17
CIE _{LCh}	50, 69.168, 138.129
Yxy	18.4251, 0.2982, 0.5712
Android (android.graphics.Color)	4279601693 (0xFF158A1D)
YUV	90.5910, -30.3644, -61.0313
Hunter-Lab	42.9245, -35.1154, 24.2295

Details

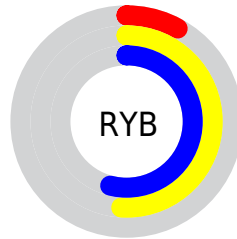
The Hex color **158A1D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A1582**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5AC152**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **078A10**, and if you desaturate by 10%, it is **238A2A**.

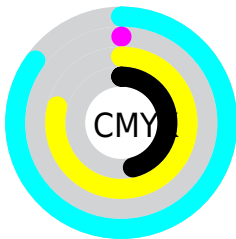
Distribution



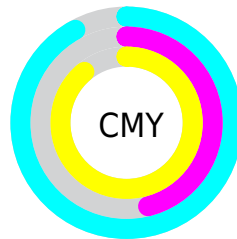
- Red (8%)
- Green (54%)
- Blue (11%)



- Red (8%)
- Yellow (51%)
- Blue (54%)



- Cyan (85%)
- Magenta (0%)
- Yellow (79%)
- Black (46%)



- Cyan (92%)
- Magenta (46%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158A1D 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 158A1D by changing the saturation by 10% instead.



158A1D



158A1D

FFFFFF



007000



5AC152



005600



77DD6C



003E00



94FA86



002800



B1FFA1



000000



CEFFBD



ECFFD9



FFFFFF6



158A1D



158A1D

■ 078A10

■ 238A2A

■ 008A09

■ 318A37

■ 3E8A44

■ 4C8A50

■ 5A8A5D

■ 688A6A

■ 768A77

■ 838A84

■ 918A91

Harmonies

Analogous

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



6F7F00



158A1D



008F5D

Triad

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



158A1D



0085EB



DD3356

Complementary

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



158A1D



8A1582

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.



D33591



158A1D



3172E8

Square

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



158A1D



008ECE



A554C6



CA501D

Rectangle

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



158A1D



009186



A554C6



DD2F6A

Sweetspot

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



158A1D



86B389



828A15



3E5940



D9D9D9



595959

Same Dimension

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



158A1D



00B30C



158A57



3E453E



008509



000500

Inverse Universe

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



8A1582



B300A6



8A1548



453E44



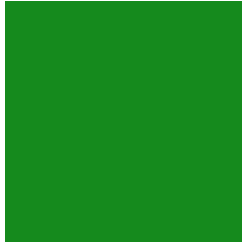
85007C



050005

Previews

White Background



This preview shows how the Hex color 158A1D looks on a white background.

Color Contrast Check

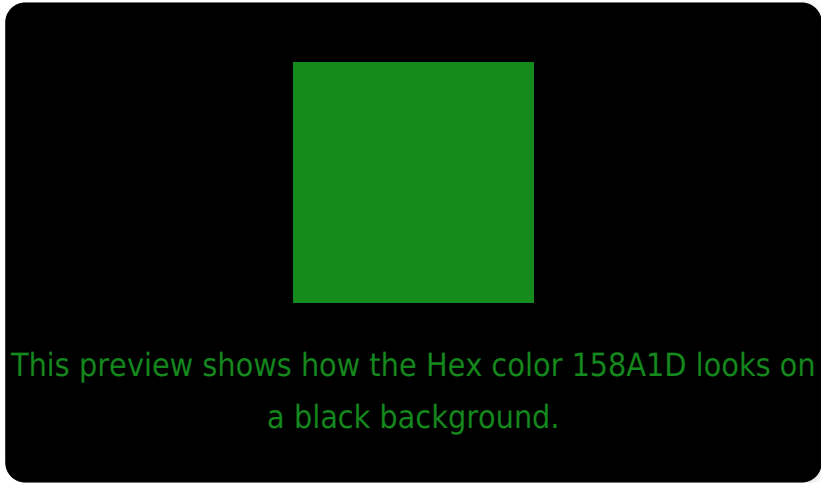
Large Text (above 18pt) WCAG AA ✓ Pass

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 158A1D Background



This preview shows how black text looks on a background with the Hex color 158A1D.



This preview shows how white text looks on a background with the Hex color 158A1D.

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
158A1D

Protanopia
857718

Deuteranopia
947029



Tritanopia
3C818B

Trichromacy



Original Color
158A1D



Protanomaly
5C7E1A



Deuteranomaly
667925



Tritanomaly
2E8463

Monochromacy



Original Color
158A1D



Achromatopsia
5B5B5B



Achromatomaly
426C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 158A1D 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 #158A1D looks like.

```
.text, #text, p{  
    color:#158A1D  
}
```

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 #158A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158A1D
}
```

Border

The CSS property to change the border of an element to Hex 158A1D 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
#158A1D }
```

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

```
.border{ border-color:#158A1D }
```

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

Here you see how a box with a 4 pixel #158A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158A1D; -webkit-box-shadow:4px 4px  
4px 4px #158A1D; box-shadow:4px 4px 4px  
4px #158A1D }
```

Background

The CSS property to change the background color of an element to Hex 158A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158A1D }
```

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

```
.background{ background-color:#158A1D }
```

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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