

# Converting Colors

Hex(158C28)

Have a look what the booklet for  
Hex(158C28) contains.

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# Color

Hex(158C28)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	158C28
RGB	21, 140, 40
RGB Percent	8%, 55%, 16%
CMY	0.9176, 0.4510, 0.8431
CMYK	0.85, 0.00, 0.71, 0.45
HSL	130°, 74%, 32%
HSV	130°, 85%, 55%
XYZ	10.0703, 19.0688, 5.1574
YIQ	93.0190, -38.8240, -56.3280

# Conversions

## Conversions Part 2

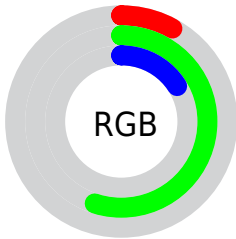
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 124, 140
Decimal	1412136
CIE <sub>Lab</sub>	50.77, -51.20, 42.75
CIE <sub>LCh</sub>	51, 66.700, 140.135
Yxy	19.0688, 0.2936, 0.5560
Android (android.graphics.Color)	4279602216 (0xFF158C28)
YUV	93.0190, -26.1384, -63.1607
Hunter-Lab	43.6678, -35.2544, 23.5651

# Details

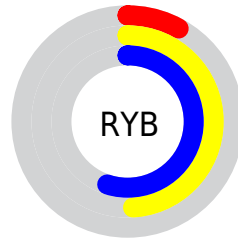
The Hex color **158C28** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C1579**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5AC35B**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **078C1C**, and if you desaturate by 10%, it is **238C34**.

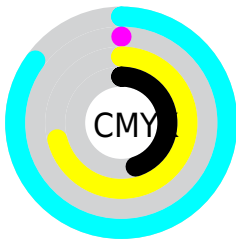
# Distribution



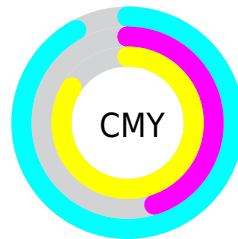
- Red (8%)
- Green (55%)
- Blue (16%)



- Red (8%)
- Yellow (49%)
- Blue (55%)



- Cyan (85%)
- Magenta (0%)
- Yellow (71%)
- Black (45%)



- Cyan (92%)
- Magenta (45%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 158C28 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 158C28 by changing the saturation by 10% instead.



 158C28

 158C28

FFFFFF

 00720B

 5AC35B

 005800

 77DF75

 004000

 94FC8F

 002A00

 B1FFAB

 000500

 CEFFC6

 000000

 ECFFE3

 158C28

 158C28

 078C1C

 238C34

 008C16

 318C40

 3F8C4B

 4D8C57

 5B8C63

 698C6F

 778C7A

 858C86

 938C92

# Harmonies

## Analogous

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



6E8200



158C28



009164

# Triad

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



158C28



0085EA



DC3C55

# Complementary

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



158C28



8C1579

# 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.



D43B8E



158C28



4872E5

# Square

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



158C28



008FD0



AA56C3



C8561F

# Rectangle

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



158C28



00928B



AA56C3



DD3768



# Sweetspot

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



158C28



86B58D



7A8C15



3F5C44



DBDBDB



5C5C5C



# Same Dimension

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



158C28



00B51D



158C62



3E453F



008515



000501



# Inverse Universe

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



8C1579



B50098



8C153F



453E44



85006F



050004



# Previews

## White Background



This preview shows how the Hex color 158C28 looks on a white background.

## Color Contrast Check

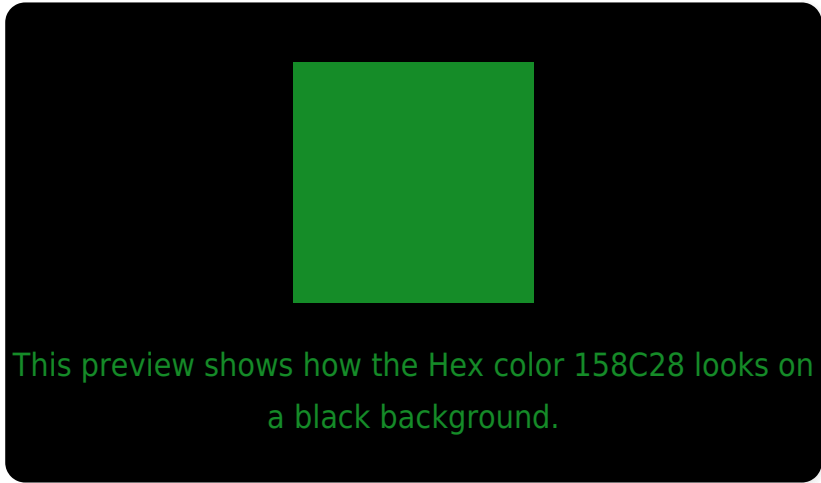
Large Text (above 18pt) WCAG AA ✓ Pass

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 158C28 Background



This preview shows how black text looks on a background with the Hex color 158C28.



This preview shows how white text looks on a background with the Hex color 158C28.

# 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**  
158C28

**Protanopia**  
877823

**Deuteranopia**  
957231



**Tritanopia**  
3C838D

# Trichromacy



**Original Color**  
158C28



**Protanomaly**  
5E7F25



**Deuteranomaly**  
667B2E



**Tritanomaly**  
2E8668

# Monochromacy



**Original Color**  
158C28



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
436E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 158C28 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 #158C28 looks like.

```
.text, #text, p{  
    color:#158C28  
}
```

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 #158C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158C28
}
```

## Border

The CSS property to change the border of an element to Hex 158C28 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
#158C28 }
```

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

```
.border{ border-color:#158C28 }
```

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

Here you see how a box with a 4 pixel #158C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158C28; -webkit-box-shadow:4px 4px  
4px 4px #158C28; box-shadow:4px 4px 4px  
4px #158C28 }
```

# Background

The CSS property to change the background color of an element to Hex 158C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158C28 }
```

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

```
.background{ background-color:#158C28 }
```

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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