

Converting Colors

Hex(158200)

Have a look what the booklet for
Hex(158200) contains.

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Color

Hex(158200)

Conversions

Conversions Part 1

Format	Color
Hex	158200
RGB	21, 130, 0
RGB Percent	8%, 51%, 0%
CMY	0.9176, 0.4902, 1.0000
CMYK	0.84, 0.00, 1.00, 0.49
HSL	110°, 100%, 25%
HSV	110°, 100%, 51%
XYZ	8.2919, 16.1247, 2.6754
YIQ	82.5890, -23.2340, -63.5380

Conversions

Conversions Part 2

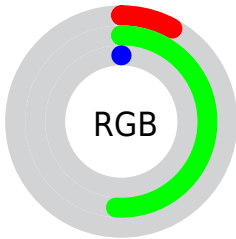
Format	Color
RYB	0, 130, 109
Decimal	1409536
CIELab	47.14, -50.39, 50.71
CIELCh	47, 71.491, 134.816
Yxy	16.1247, 0.3061, 0.5952
Android (android.graphics.Color)	4279599616 (0xFF158200)
YUV	82.5890, -40.7164, -54.0136
Hunter-Lab	40.1556, -33.4130, 24.1587

Details

The Hex color **158200** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6D0082**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **59B840**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **158200**, and if you desaturate by 10%, it is **20820D**.

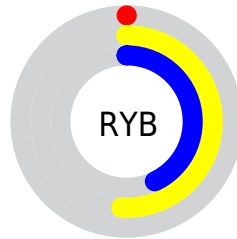
Distribution



Red (8%)

Green (51%)

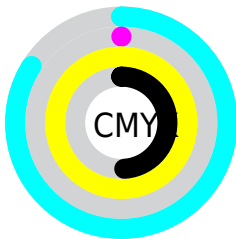
Blue (0%)



Red (0%)

Yellow (51%)

Blue (43%)

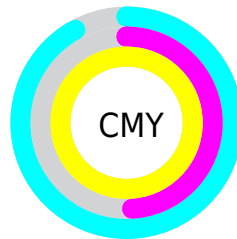


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (92%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158200 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 158200 by changing the saturation by 10% instead.

 158200

 158200

FFFFFF

 006800

 59B840

 004F00

 76D45B

 003700

 92F175

 002000

 AFFF90

 000000

 CCFFAC

 EAFFC8

 FFFFE4

 158200

 20820D

 2B821A

 368227

 418234

 4B8241

 56824E

 61825B

 6C8268

 778275

Harmonies

Analogous

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



6C7600



158200



00884E

Triad

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



158200



0080E5



D71F55

Complementary

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



158200



6D0082

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.



CA2991



158200



006DE6

Square

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



158200



0088C4



964FC6



C6431A

Rectangle

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



158200



008978



964FC6



D61A69

Sweetspot

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



158200



7EA876



826C00



3B5436



D4D4D4



545454

Same Dimension

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



158200



1BA800



00822B



3A4039



158000



000000

Inverse Universe

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



6D0082



8D00A8



820057



3F3940



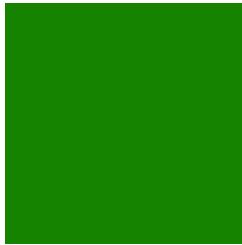
6B0080



000000

Previews

White Background



This preview shows how the Hex color 158200 looks on a white background.

Color Contrast Check

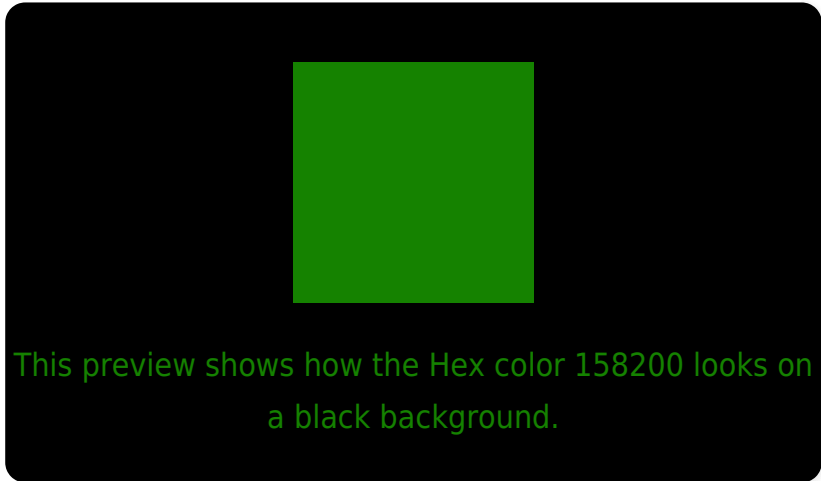
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 158200 Background



This preview shows how black text looks on a background with the Hex color 158200.



This preview shows how white text looks on a background with the Hex color 158200.

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
158200

Protanopia
7E7000

Deuteranopia
8C6A1C



Tritanopia
3A7983

Trichromacy



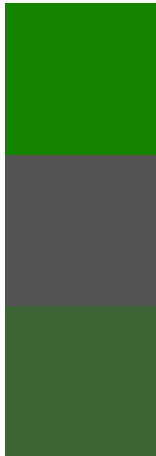
Original Color
158200

Protanomaly
587700

Deuteranomaly
617312

Tritanomaly
2D7C53

Monochromacy



Original Color
158200

Achromatopsia
535353

Achromatomaly
3C6435

CSS Examples

Text

The CSS property to change the color of the text to Hex 158200 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 #158200 looks like.

```
.text, #text, p{  
    color:#158200  
}
```

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 #158200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158200
}
```

Border

The CSS property to change the border of an element to Hex 158200 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".

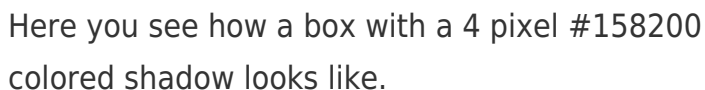
```
.border, #border, table{ border:4px solid
#158200 }
```

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

```
.border{ border-color:#158200 }
```

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

Here you see how a box with a 4 pixel #158200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158200; -webkit-box-shadow:4px 4px  
4px 4px #158200; box-shadow:4px 4px 4px  
4px #158200 }
```

Background

The CSS property to change the background color of an element to Hex 158200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158200 }
```

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

```
.background{ background-color:#158200 }
```

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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