

Converting Colors

Hex(5D9802)

Have a look what the booklet for
Hex(5D9802) contains.

Hex(5D9802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D9802)

Conversions

Conversions Part 1

Format	Color
Hex	5D9802
RGB	93, 152, 2
RGB Percent	36%, 60%, 1%
CMY	0.6353, 0.4039, 0.9922
CMYK	0.39, 0.00, 0.99, 0.40
HSL	84°, 97%, 30%
HSV	84°, 99%, 60%
XYZ	15.7534, 24.7880, 4.0117
YIQ	117.2590, 12.9860, -59.1580

Conversions

Conversions Part 2

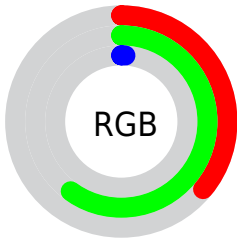
Format	Color
R_{YB}	2, 152, 61
Decimal	6133762
CIE _{Lab}	56.87, -39.44, 59.08
CIE _{LCh}	57, 71.036, 123.721
Yxy	24.7880, 0.3536, 0.5564
Android (android.graphics.Color)	4284323842 (0xFF5D9802)
YUV	117.2590, -56.8227, -21.2751
Hunter-Lab	49.7876, -30.6486, 30.0739

Details

The Hex color **5D9802** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D0298**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **95CF47**, and **246400** is the 20% darker color. If you saturate the color by 10%, you get **5C9800**, and if you desaturate by 10%, it is **639811**.

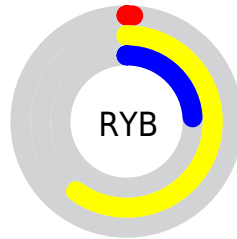
Distribution



Red (36%)

Green (60%)

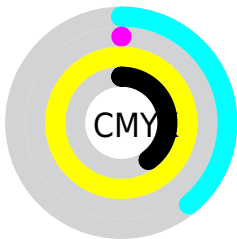
Blue (1%)



Red (1%)

Yellow (60%)

Blue (24%)

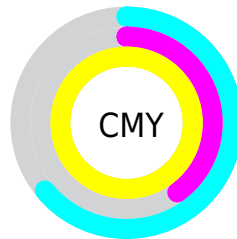


Cyan (39%)

Magenta (0%)

Yellow (99%)

Black (40%)



Cyan (64%)

Magenta (40%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9802 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 5D9802 by changing the saturation by 10% instead.

 5D9802

 5D9802

FFFFFF

 417E00

 95CF47

 246400

 B1EB63

 004C00

 CEFF7E

 003400

 EBFF99

 002000

 FFFF85

 000000

 FFFF85

FFFD2

 FFFF85

FFFFEF

 5D9802

 5D9802

■ 5C9800

■ 639811

■ 699820

■ 6F9830

■ 75983F

■ 7B984E

■ 81985D

■ 87986C

■ 8D987C

■ 93988B

Harmonies

Analogous

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



9D8800



5D9802



00A14E

Triad

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



5D9802



009DF8



F44283

Complementary

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



5D9802



3D0298

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.



D854C0



5D9802



008EFF

Square

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



5D9802



00A3CC



9074F0



EE5347

Rectangle

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



5D9802



00A379



9074F0



EF4598

Sweetspot

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



5D9802



ADC489



983B02



556340



E3E3E3



636363

Same Dimension

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



5D9802



77C400



139802



494D45



558C00



080D00

Inverse Universe

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



3D0298



4D00C4



860298



48454D



37008C



05000D

Previews

White Background



This preview shows how the Hex color 5D9802 looks on a white background.

Color Contrast Check

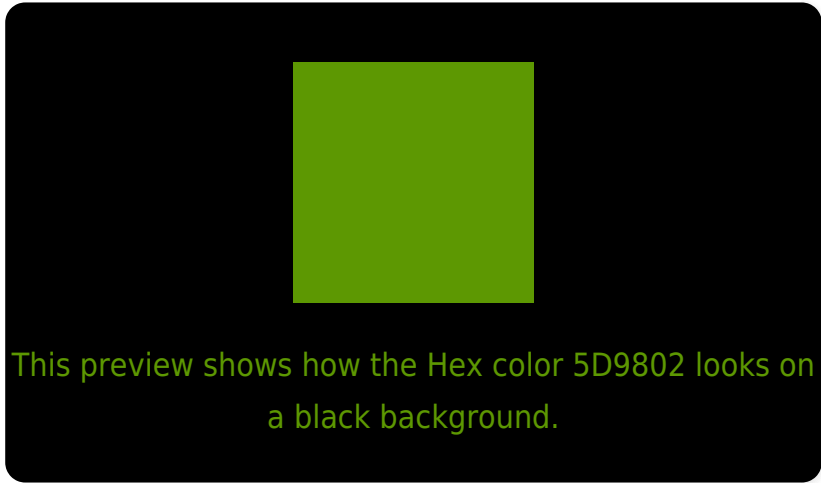
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D9802 Background



This preview shows how black text looks on a background with the Hex color 5D9802.



This preview shows how white text looks on a background with the Hex color 5D9802.

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
5D9802

Protanopia
998800

Deuteranopia
AB811E



Tritanopia
6E8D99

Trichromacy



Original Color
5D9802

Protanomaly
838E01

Deuteranomaly
8F8914

Tritanomaly
689162

Monochromacy



Original Color
5D9802

Achromatopsia
757575

Achromatomaly
6C824B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9802 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 #5D9802 looks like.

```
.text, #text, p{  
    color:#5D9802  
}
```

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 #5D9802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9802
}
```

Border

The CSS property to change the border of an element to Hex 5D9802 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
#5D9802 }
```

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

```
.border{ border-color:#5D9802 }
```

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

Here you see how a box with a 4 pixel #5D9802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9802; -webkit-box-shadow:4px 4px  
4px 4px #5D9802; box-shadow:4px 4px 4px  
4px #5D9802 }
```

Background

The CSS property to change the background color of an element to Hex 5D9802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9802 }
```

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

```
.background{ background-color:#5D9802 }
```

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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