

# Converting Colors

Hex(55990F)

Have a look what the booklet for  
Hex(55990F) contains.

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**Color**

**Hex(55990F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55990F
RGB	85, 153, 15
RGB Percent	33%, 60%, 6%
CMY	0.6667, 0.4000, 0.9412
CMYK	0.44, 0.00, 0.90, 0.40
HSL	90°, 82%, 33%
HSV	90°, 90%, 60%
XYZ	15.2238, 24.7482, 4.4265
YIQ	116.9360, 3.7700, -57.3340

# Conversions

## Conversions Part 2

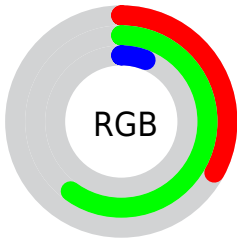
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 153, 83
Decimal	5609743
CIELab	56.83, -42.38, 56.80
CIELCh	57, 70.868, 126.729
Yxy	24.7482, 0.3429, 0.5574
Android (android.graphics.Color)	4283799823 (0xFF55990F)
YUV	116.9360, -50.2544, -28.0079
Hunter-Lab	49.7476, -32.4337, 29.5478

# Details

The Hex color **55990F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **530F99**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8DD04C**, and **186500** is the 20% darker color. If you saturate the color by 10%, you get **4E9900**, and if you desaturate by 10%, it is **5D991E**.

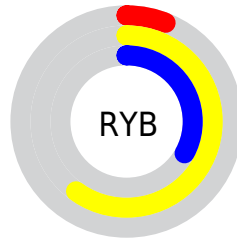
# Distribution



Red (33%)

Green (60%)

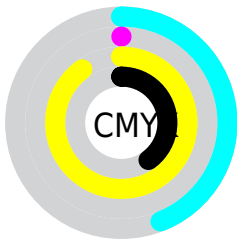
Blue (6%)



Red (6%)

Yellow (60%)

Blue (33%)

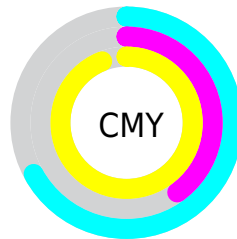


Cyan (44%)

Magenta (0%)

Yellow (90%)

Black (40%)



Cyan (67%)

Magenta (40%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55990F 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 55990F by changing the saturation by 10% instead.





55990F



55990F

FFFFFF



387F00



8DD04C



186500



A9EC67



004C00



C6FF83



003500



E3FF9E



002000



FFFFBA



000000



FFFFD7



FFFFF4



55990F



55990F

■ 4E9900

■ 5D991E

■ 64992E

■ 6C993D

■ 73994C

■ 7B995B

■ 82996B

■ 8A997A

■ 919989

■ 999999

# Harmonies

## Analogous

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



978A00



55990F



00A154

# Triad

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



55990F



009CFA



F4427D

# Complementary

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



55990F



530F99

# 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.



DC52BA



55990F



008CFF

# Square

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



55990F



00A3D1



9A71EC



EC5642

# Rectangle

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



55990F



00A37F



9A71EC



F04492



# Sweetspot

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



55990F



ACC791



99520F



546344



E3E3E3



636363



# Same Dimension

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



55990F



65C700



11990F



494D45



478C00



060D00



# Inverse Universe

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



530F99



6200C7



970F99



49454D



45008C



06000D



# Previews

## White Background



This preview shows how the Hex color 55990F looks on a white background.

## Color Contrast Check

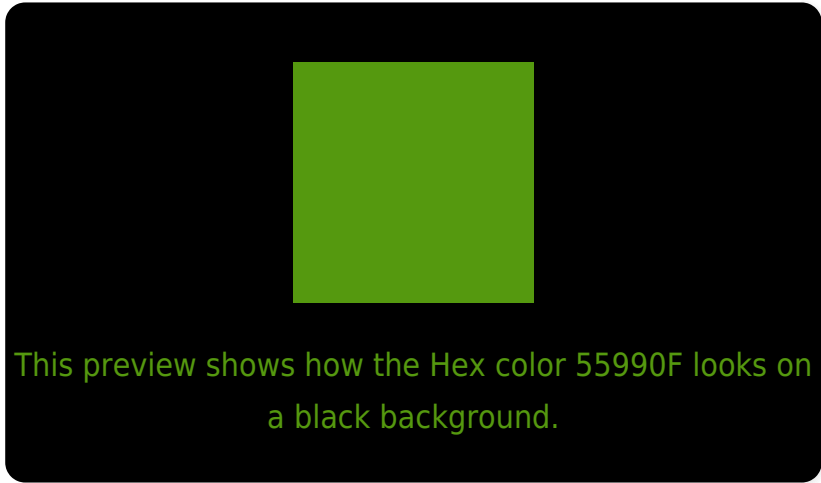
Large Text (above 18pt) WCAG AA ✓ Pass

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 55990F Background



This preview shows how black text looks on a background with the Hex color 55990F.



This preview shows how white text looks on a background with the Hex color 55990F.

# 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**  
55990F

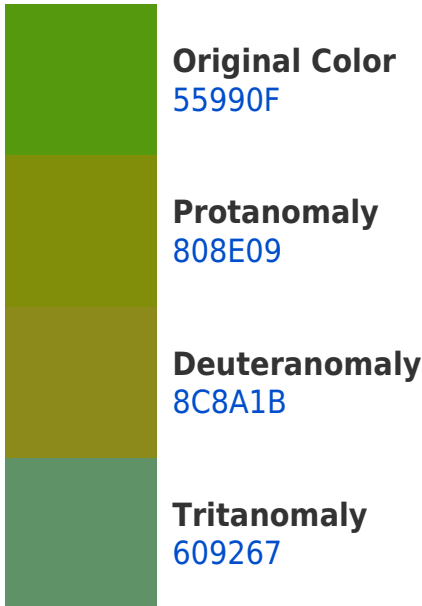
**Protanopia**  
998806

**Deuteranopia**  
AB8122



**Tritanopia**  
678E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55990F 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 #55990F looks like.

```
.text, #text, p{  
    color:#55990F  
}
```

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 #55990F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55990F
}
```

## Border

The CSS property to change the border of an element to Hex 55990F is called "border". The border property can be set on classes, ids or directly on the HTML element.

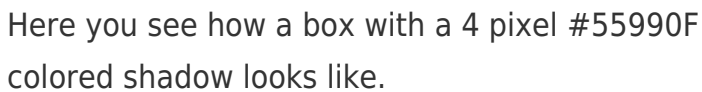
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55990F }
```

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

```
.border{ border-color:#55990F }
```

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



Here you see how a box with a 4 pixel #55990F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55990F; -webkit-box-shadow:4px 4px  
4px 4px #55990F; box-shadow:4px 4px 4px  
4px #55990F }
```

# Background

The CSS property to change the background color of an element to Hex 55990F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55990F }
```

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

```
.background{ background-color:#55990F }
```

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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