

Converting Colors

Hex(52991F)

Have a look what the booklet for
Hex(52991F) contains.

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Color

Hex(52991F)

Conversions

Conversions Part 1

Format	Color
Hex	52991F
RGB	82, 153, 31
RGB Percent	32%, 60%, 12%
CMY	0.6784, 0.4000, 0.8784
CMYK	0.46, 0.00, 0.80, 0.40
HSL	95°, 66%, 36%
HSV	95°, 80%, 60%
XYZ	15.1182, 24.6752, 5.2623

Conversions

Conversions Part 2

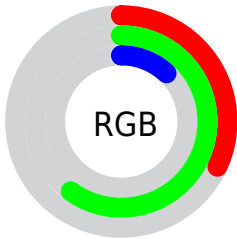
Format	Color
RYB	31, 153, 102
Decimal	5413151
CIELab	56.76, -42.70, 52.59
CIELCh	57, 67.745, 129.073
Yxy	24.6752, 0.3355, 0.5477
Android (android.graphics.Color)	4283603231 (0xFF52991F)
YUV	117.8630, -42.8235, -31.4519

Details

The Hex color **52991F** is a dark color, and the **websafe** version is hex **669900**. A complement of this color would be **661F99**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8AD056**, and **146500** is the 20% darker color. If you saturate the color by 10%, you get **499910**, and if you desaturate by 10%, it is **5B992E**.

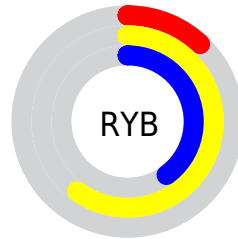
Distribution



Red (32%)

Green (60%)

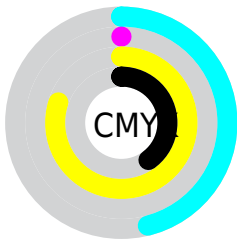
Blue (12%)



Red (12%)

Yellow (60%)

Blue (40%)

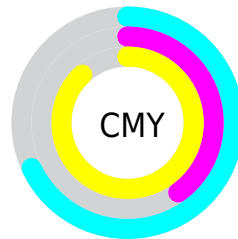


Cyan (46%)

Magenta (0%)

Yellow (80%)

Black (40%)



Cyan (68%)

Magenta (40%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52991F 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 52991F by changing the saturation by 10% instead.

 52991F

 6EB43B

 8AD056

 A6EC70

 C2FF8B

 DFFFA7

 FDFFC3

 FFFF00

FFFFFFD

FFFFFFF

 52991F

 357F00

 146500

 004C00

 003500

 001F00

 000000

 52991F

 499910


 409900

 52991F

 5B992E

 64993E

 6D994D

 76995C

 7F996B

■ 87997B

■ 90998A

■ 999999

■ A299A9

Harmonies

Analogous

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



938B00



52991F



00A05B

Triad

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



52991F



009AF7



F14879

Complementary

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



52991F



661F99

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.



DC53B4



52991F



0089FE

Square

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



52991F



00A1D2



A070E5



E65B40

Rectangle

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



52991F



00A384



A070E5



ED498D

Sweetspot

The sweet spot groups the original color and five complimentary colors.



52991F



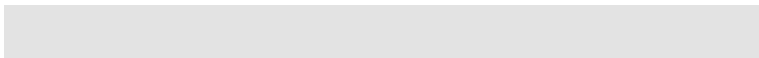
ABC797



99641F



536347



E3E3E3



636363

Previews

White Background



This preview shows how the Hex color 52991F looks on a white background.

Color Contrast Check

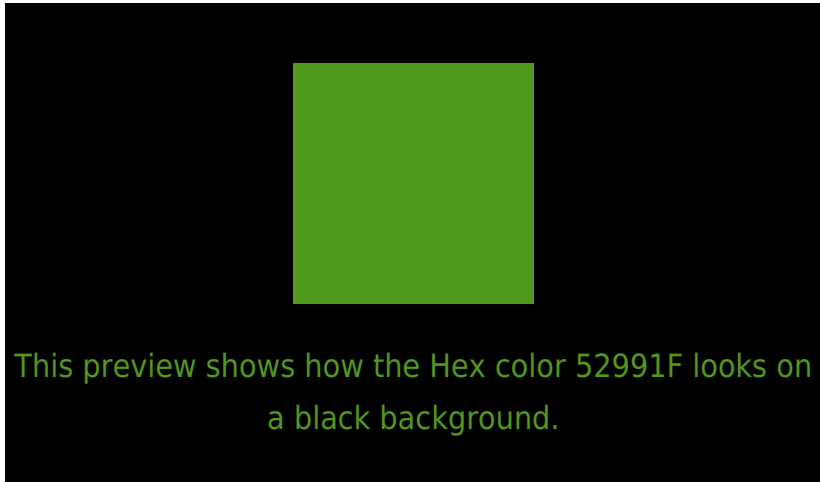
Large Text (above 18pt) WCAG AA ✓ Pass

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 52991F Background



This preview shows how black text looks on a background with the Hex color 52991F.



This preview shows how white text looks on a background with the Hex color 52991F.

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
52991F

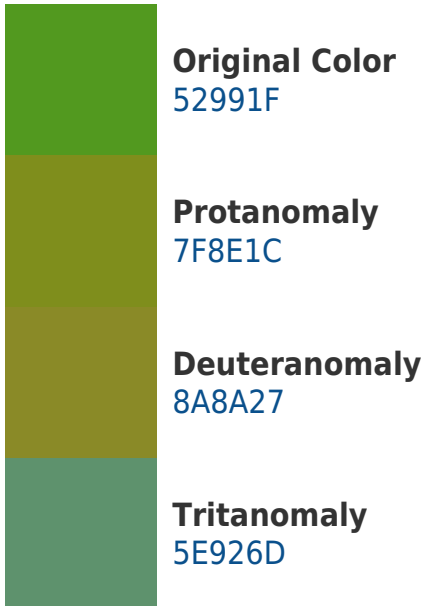
Protanopia
98881B

Deuteranopia
AA812B

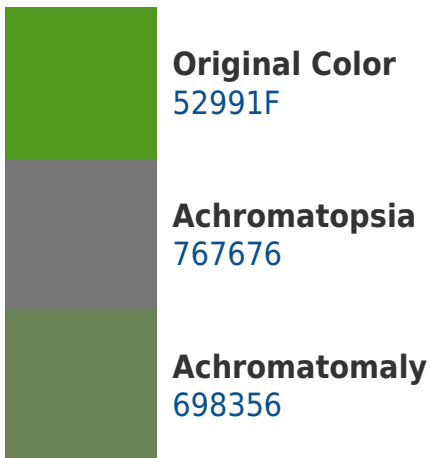


Tritanopia
658E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52991F 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 #52991F looks like.

```
.text, #text, p{  
    color:#52991F  
}
```


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 #52991F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52991F
}
```

Border

The CSS property to change the border of an element to Hex 52991F 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
#52991F }
```

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

```
.border{ border-color:#52991F }
```

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

Here you see how a box with a 4 pixel #52991F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52991F; -webkit-box-shadow:4px 4px  
4px 4px #52991F; box-shadow:4px 4px 4px  
4px #52991F }
```

Background

The CSS property to change the background color of an element to Hex 52991F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52991F }
```

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

```
.background{ background-color:#52991F }
```

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](#).

Hey! You found this booklet interesting? Have a look at my other booklet HOWCOLORS.WORK – A CSS color notation guide.



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

[Buy now, starting at \\$4.99!](#)

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