

Converting Colors

Hex(519E04)

Have a look what the booklet for
Hex(519E04) contains.

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Color

Hex(519E04)

Conversions

Conversions Part 1

Format	Color
Hex	519E04
RGB	81, 158, 4
RGB Percent	32%, 62%, 2%
CMY	0.6824, 0.3804, 0.9843
CMYK	0.49, 0.00, 0.97, 0.38
HSL	90°, 95%, 32%
HSV	90°, 97%, 62%
XYZ	15.6421, 26.2118, 4.3498
YIQ	117.4210, 3.5420, -64.2180

Conversions

Conversions Part 2

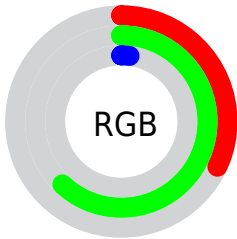
Format	Color
RYB	4, 158, 81
Decimal	5348868
CIELab	58.24, -45.99, 59.63
CIELCh	58, 75.299, 127.641
Yxy	26.2118, 0.3385, 0.5673
Android (android.graphics.Color)	4283538948 (0xFF519E04)
YUV	117.4210, -55.9166, -31.9412
Hunter-Lab	51.1975, -35.0594, 30.8009

Details

The Hex color **519E04** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **51049E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8AD549**, and **0D6A00** is the 20% darker color. If you saturate the color by 10%, you get **4F9E00**, and if you desaturate by 10%, it is **599E14**.

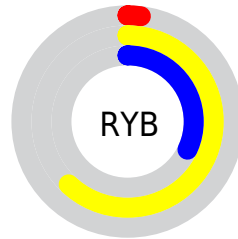
Distribution



Red (32%)

Green (62%)

Blue (2%)



Red (2%)

Yellow (62%)

Blue (32%)

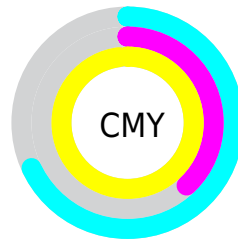


Cyan (49%)

Magenta (0%)

Yellow (97%)

Black (38%)



Cyan (68%)

Magenta (38%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 519E04 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 519E04 by changing the saturation by 10% instead.



519E04



519E04

FFFFFF



338300



8AD549



0D6A00



A6F265



005100



C3FF80



003900



E1FF9C



002300



FFFFB8



000000



FFFFD4



FFFFF2



519E04



519E04

■ 4F9E00

■ 599E14

■ 619E24

■ 699E33

■ 719E43

■ 799E53

■ 809E63

■ 889E73

■ 909E82

■ 989E92

Harmonies

Analogous

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



998F00



519E04



00A657

Triad

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



519E04



00A0FF



FF3E7E

Complementary

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



519E04



51049E

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.



E64FC0



519E04



008FFF

Square

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



519E04



00A8DB



A172F6



F4553F

Rectangle

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



519E04



00A985



A172F6



FB3F94

Sweetspot

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



519E04



B1CF93



9E5104



566944



E8E8E8



696969

Same Dimension

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



519E04



67CF00



049E04



4B4F47



478F00



080F00

Inverse Universe

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



51049E



6700CF



9E049E



4B474F



47008F



08000F

Previews

White Background



This preview shows how the Hex color 519E04 looks on a white background.

Color Contrast Check

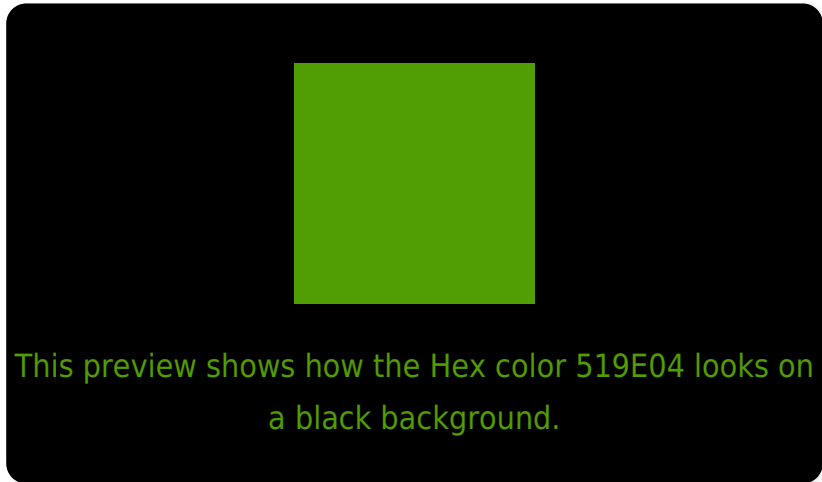
Large Text (above 18pt) WCAG AA ✓ Pass

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 519E04 Background



This preview shows how black text looks on a background with the Hex color 519E04.



This preview shows how white text looks on a background with the Hex color 519E04.

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
519E04

Protanopia
9D8C00

Deuteranopia
AF8420



Tritanopia
66939F

Trichromacy



Original Color
519E04

Protanomaly
819301

Deuteranomaly
8D8D16

Tritanomaly
5E9767

Monochromacy



Original Color
519E04

Achromatopsia
757575

Achromatomaly
68844C

CSS Examples

Text

The CSS property to change the color of the text to Hex 519E04 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 #519E04 looks like.

```
.text, #text, p{  
    color:#519E04  
}
```

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 #519E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519E04
}
```

Border

The CSS property to change the border of an element to Hex 519E04 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
#519E04 }
```

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

```
.border{ border-color:#519E04 }
```

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

Here you see how a box with a 4 pixel #519E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519E04; -webkit-box-shadow:4px 4px  
4px 4px #519E04; box-shadow:4px 4px 4px  
4px #519E04 }
```

Background

The CSS property to change the background color of an element to Hex 519E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519E04 }
```

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

```
.background{ background-color:#519E04 }
```

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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