

Converting Colors

Hex(559E1A)

Have a look what the booklet for
Hex(559E1A) contains.

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Color

Hex(559E1A)

Conversions

Conversions Part 1

Format	Color
Hex	559E1A
RGB	85, 158, 26
RGB Percent	33%, 62%, 10%
CMY	0.6667, 0.3804, 0.8980
CMYK	0.46, 0.00, 0.84, 0.38
HSL	93°, 72%, 36%
HSV	93°, 84%, 62%
XYZ	16.1596, 26.4596, 5.2328
YIQ	121.1250, -1.1360, -56.5280

Conversions

Conversions Part 2

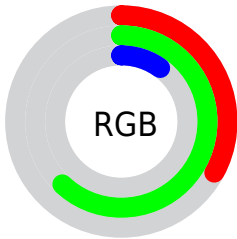
Format	Color
R_{YB}	26, 158, 99
Decimal	5611034
CIE _{Lab}	58.47, -44.00, 55.68
CIE _{LCh}	58, 70.971, 128.317
Yxy	26.4596, 0.3377, 0.5529
Android (android.graphics.Color)	4283801114 (0xFF559E1A)
YUV	121.1250, -46.8966, -31.6816
Hunter-Lab	51.4389, -33.9419, 29.9757

Details

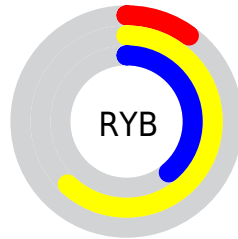
The Hex color **559E1A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **631A9E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8DD553**, and **166A00** is the 20% darker color. If you saturate the color by 10%, you get **4C9E0A**, and if you desaturate by 10%, it is **5E9E2A**.

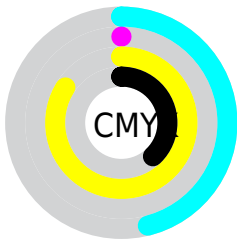
Distribution



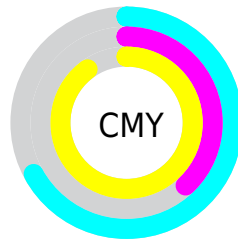
- Red (33%)
- Green (62%)
- Blue (10%)



- Red (10%)
- Yellow (62%)
- Blue (39%)



- Cyan (46%)
- Magenta (0%)
- Yellow (84%)
- Black (38%)



- Cyan (67%)
- Magenta (38%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 559E1A 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 559E1A by changing the saturation by 10% instead.



559E1A



559E1A

FFFFFF



388300



8DD553



166A00



A9F26E



005100



C6FF89



003900



E4FFA5



002400



FFFFC1



000000



FFFDE



FFFFFB



559E1A



559E1A

■ 4C9E0A

■ 5E9E2A

■ 479E00

■ 669E3A

■ 6F9E49

■ 789E59

■ 819E69

■ 899E79

■ 929E89

■ 9B9E98

■ A49EA8

Harmonies

Analogous

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



998F00



559E1A



00A65C

Triad

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



559E1A



009FFF



FA487E

Complementary

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



559E1A



631A9E

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.



E355BC



559E1A



008FFF

Square

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



559E1A



00A7D9



A374EF



F05C42

Rectangle

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



559E1A



00A887



A374EF



F74893

Sweetspot

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



559E1A



B2CF9B



9E631A



576949



E8E8E8



696969

Same Dimension

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



559E1A



5CCF00



1A9E21



4B4F47



408F00



070F00

Inverse Universe

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



631A9E



7200CF



9E1A97



4C474F



4F008F



08000F

Previews

White Background



This preview shows how the Hex color 559E1A looks on a white background.

Color Contrast Check

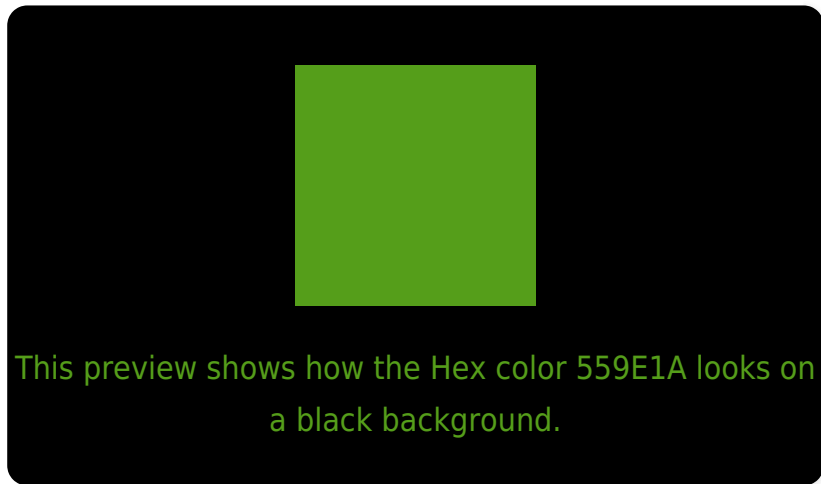
Large Text (above 18pt) WCAG AA ✓ Pass

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 559E1A Background



This preview shows how black text looks on a background with the Hex color 559E1A.



This preview shows how white text looks on a background with the Hex color 559E1A.

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
559E1A

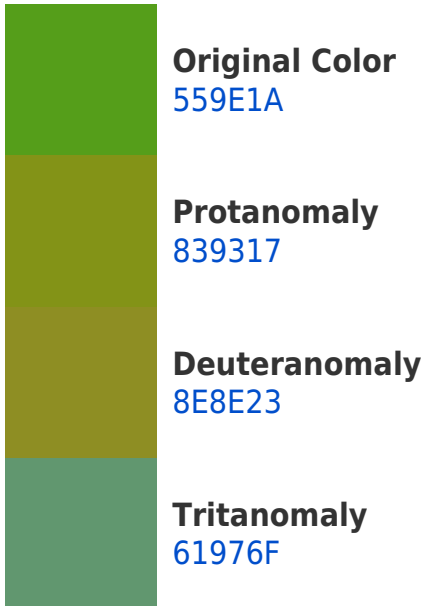
Protanopia
9E8C15

Deuteranopia
AF8528



Tritanopia
68939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 559E1A 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 #559E1A looks like.

```
.text, #text, p{  
    color:#559E1A  
}
```

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 #559E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559E1A
}
```

Border

The CSS property to change the border of an element to Hex 559E1A 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
#559E1A }
```

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

```
.border{ border-color:#559E1A }
```

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

Here you see how a box with a 4 pixel #559E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559E1A; -webkit-box-shadow:4px 4px  
4px 4px #559E1A; box-shadow:4px 4px 4px  
4px #559E1A }
```

Background

The CSS property to change the background color of an element to Hex 559E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559E1A }
```

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

```
.background{ background-color:#559E1A }
```

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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