

Converting Colors

Hex(59AA08)

Have a look what the booklet for
Hex(59AA08) contains.

| | |
|--|----|
| Hex(59AA08) | 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(59AA08)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 59AA08 |
| RGB | 89, 170, 8 |
| RGB Percent | 35%, 67%, 3% |
| CMY | 0.6510, 0.3333, 0.9686 |
| CMYK | 0.48, 0.00, 0.95, 0.33 |
| HSL | 90°, 91%, 35% |
| HSV | 90°, 95%, 67% |
| XYZ | 18.5384, 30.8908, 5.2152 |
| YIQ | 127.3130, 3.7260, -67.5540 |

Conversions

Conversions Part 2

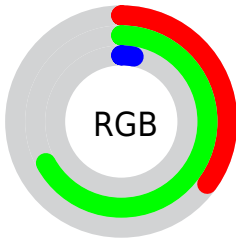
| Format | Color |
|-------------------------------------|--|
| RYB | 8, 170, 89 |
| Decimal | 5876232 |
| CIELab | 62.42, -48.03, 62.57 |
| CIELCh | 62, 78.876, 127.513 |
| Yxy | 30.8908, 0.3393, 0.5653 |
| Android (android.graphics.Color) | 4284066312 (0xFF59AA08) |
| YUV | 127.3130, -58.8213, -33.6005 |
| Hunter-Lab | 55.5795, -37.7260, 33.3423 |

Details


The Hex color **59AA08** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5908AA**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **92E24D**, and **177500** is the 20% darker color. If you saturate the color by 10%, you get **55AA00**, and if you desaturate by 10%, it is **62AA19**.

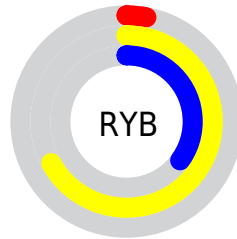
Distribution



 Red (35%)

 Green (67%)

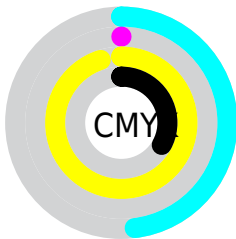
 Blue (3%)




 Red (3%)

 Yellow (67%)

 Blue (35%)

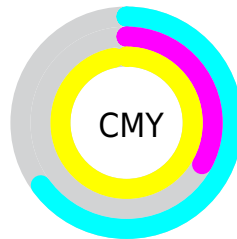


 Cyan (48%)

 Magenta (0%)

 Yellow (95%)

 Black (33%)



 Cyan (65%)

 Magenta (33%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59AA08 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 59AA08 by changing the saturation by 10% instead.

 59AA08

 59AA08

FFFFFF

 3B8F00

 92E24D

 177500

 AFFF69

 005C00

 CDFF85

 004300

 EAFFA1

 002D00

 FFFFBD

 001000

 FFFFDA

 000000

 FFFFF7

 59AA08

 59AA08

■ 55AA00

■ 62AA19

■ 6AAA2A

■ 72AA3B

■ 7BAA4C

■ 84AA5D

■ 8CAA6E

■ 94AA7F

■ 9DAA90

■ A5AAA1

Harmonies

Analogous

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



A69A00



59AA08



00B35E

Triad

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



59AA08



00ADFF



FF4588

Complementary

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



59AA08



5908AA

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.



F756CE



59AA08



009AFF

Square

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



59AA08



00B5EB



AD7BFF



FF5D45

Rectangle

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



59AA08



00B58F



AD7BFF



FF46A0

Sweetspot

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



59AA08



BEDE9E



AA5908



5D7049



F0F0F0



707070

Same Dimension

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



59AA08



6FDE00



08AA08



50544C



4A9400



0A1400

Inverse Universe

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



5908AA



6F00DE



AA08AA



504C54



4A0094



0A0014

Previews

White Background



This preview shows how the Hex color 59AA08 looks on a white background.

Color Contrast Check

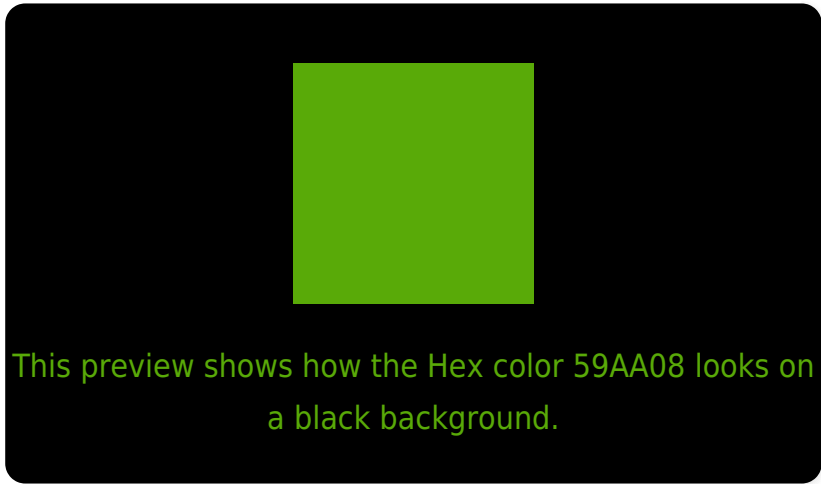
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 59AA08 Background



This preview shows how black text looks on a background with the Hex color 59AA08.



This preview shows how white text looks on a background with the Hex color 59AA08.

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
59AA08

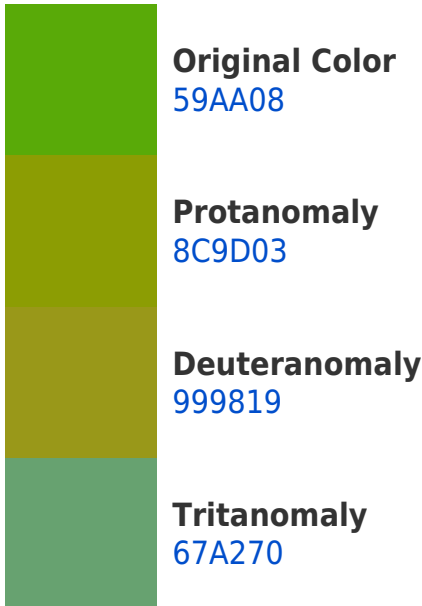
Protanopia
A99600

Deuteranopia
BD8E23

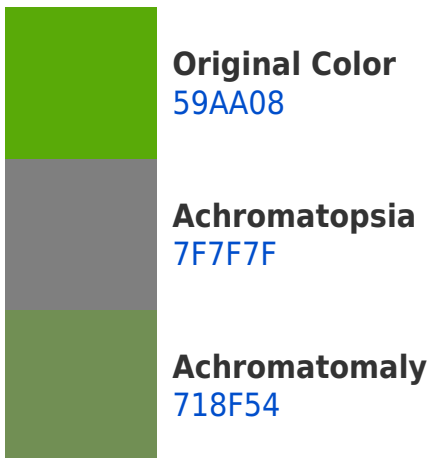


Tritanopia
6F9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59AA08 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 #59AA08 looks like.

```
.text, #text, p{  
    color:#59AA08  
}
```

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 #59AA08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59AA08
}
```

Border

The CSS property to change the border of an element to Hex 59AA08 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
#59AA08 }
```

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

```
.border{ border-color:#59AA08 }
```

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

Here you see how a box with a 4 pixel #59AA08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59AA08; -webkit-box-shadow:4px 4px  
4px 4px #59AA08; box-shadow:4px 4px 4px  
4px #59AA08 }
```

Background

The CSS property to change the background color of an element to Hex 59AA08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59AA08 }
```

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

```
.background{ background-color:#59AA08 }
```

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? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor