

# Converting Colors

Hex(599B20)

Have a look what the booklet for  
Hex(599B20) contains.

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**Color**

**Hex(599B20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	599B20
RGB	89, 155, 32
RGB Percent	35%, 61%, 13%
CMY	0.6510, 0.3922, 0.8745
CMYK	0.43, 0.00, 0.79, 0.39
HSL	92°, 66%, 37%
HSV	92°, 79%, 61%
XYZ	16.1019, 25.6708, 5.4728
YIQ	121.2440, 0.1470, -52.2450

# Conversions

## Conversions Part 2

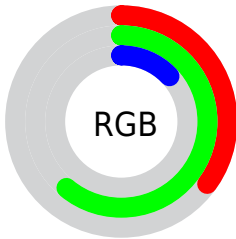
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 155, 98
Decimal	5872416
CIELab	57.72, -41.11, 53.30
CIElCh	58, 67.312, 127.644
Yxy	25.6708, 0.3408, 0.5433
Android (android.graphics.Color)	4284062496 (0xFF599B20)
YUV	121.2440, -43.9973, -28.2780
Hunter-Lab	50.6664, -31.9385, 29.0622

# Details

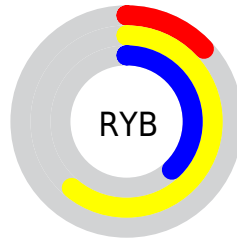
The Hex color **599B20** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **62209B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **90D257**, and **1F6700** is the 20% darker color. If you saturate the color by 10%, you get **519B10**, and if you desaturate by 10%, it is **619B2F**.

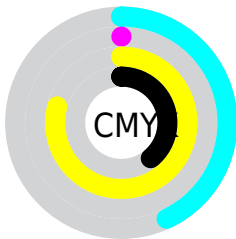
# Distribution



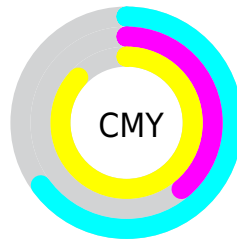
- Red (35%)
- Green (61%)
- Blue (13%)



- Red (13%)
- Yellow (61%)
- Blue (38%)



- Cyan (43%)
- Magenta (0%)
- Yellow (79%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 599B20 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 599B20 by changing the saturation by 10% instead.





599B20



599B20

FFFFFF



3D8100



90D257



1F6700



ADEF72



004E00



C9FF8D



003700



E6FFA8



002200



FFFFC4



000000



FFFFE1

FFFFFFE



599B20



599B20

■ 519B10

■ 619B2F

■ 489B01

■ 6A9B3F

■ 489B00

■ 729B4E

■ 7A9B5E

■ 839B6E

■ 8B9B7D

■ 939B8C

■ 9C9B9C

■ A49BAB

# Harmonies

## Analogous

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



988D00



599B20



00A35B

# Triad

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



599B20



009DF8



F34C7E

# Complementary

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



599B20



62209B

# 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.



DC58B9



599B20



008DFF

# Square

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



599B20



00A4D1



9F74E9



EA5D46

# Rectangle

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



599B20



00A584



9F74E9



EF4D92



# Sweetspot

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



599B20



B0C999



9B6220



566648



E6E6E6



666666



# Same Dimension

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



599B20



63C90A



209B24



484D45



418C00



060D00



# Inverse Universe

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



62209B



710AC9



9B2097



49454D



4B008C



07000D



# Previews

## White Background



This preview shows how the Hex color 599B20 looks on a white background.

## Color Contrast Check

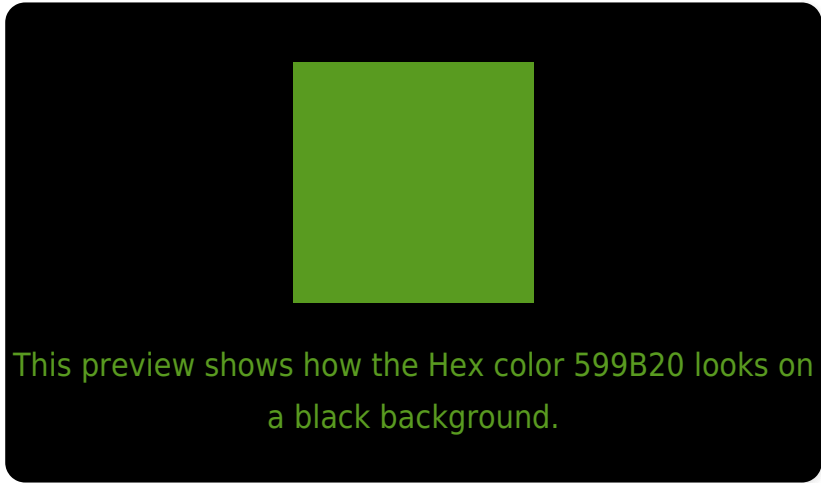
Large Text (above 18pt) WCAG AA ✓ Pass

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 599B20 Background



This preview shows how black text looks on a background with the Hex color 599B20.



This preview shows how white text looks on a background with the Hex color 599B20.

# 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**  
599B20

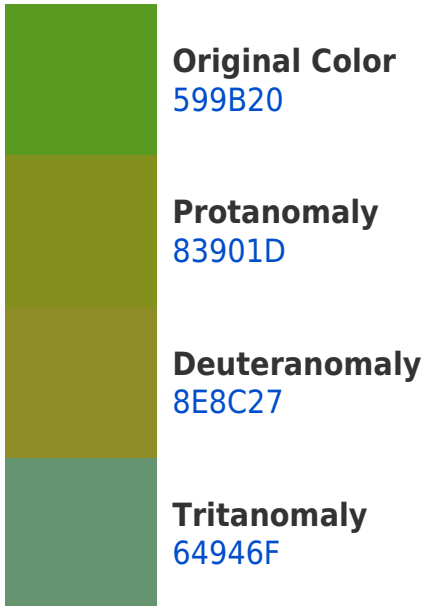
**Protanopia**  
9B8A1C

**Deuteranopia**  
AD832B

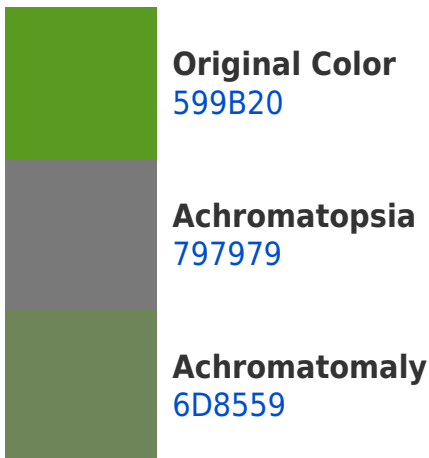


**Tritanopia**  
6B909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 599B20 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 #599B20 looks like.

```
.text, #text, p{  
    color:#599B20  
}
```

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 #599B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599B20
}
```

## Border

The CSS property to change the border of an element to Hex 599B20 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
#599B20 }
```

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

```
.border{ border-color:#599B20 }
```

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

Here you see how a box with a 4 pixel #599B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599B20; -webkit-box-shadow:4px 4px  
4px 4px #599B20; box-shadow:4px 4px 4px  
4px #599B20 }
```

# Background

The CSS property to change the background color of an element to Hex 599B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599B20 }
```

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

```
.background{ background-color:#599B20 }
```

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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