

Converting Colors

Hex(64991A)

Have a look what the booklet for
Hex(64991A) contains.

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Color

Hex(64991A)

Conversions

Conversions Part 1

Format	Color
Hex	64991A
RGB	100, 153, 26
RGB Percent	39%, 60%, 10%
CMY	0.6078, 0.4000, 0.8980
CMYK	0.35, 0.00, 0.83, 0.40
HSL	85°, 71%, 35%
HSV	85°, 83%, 60%
XYZ	16.8332, 25.5664, 5.0249
YIQ	122.6750, 9.1790, -50.7330

Conversions

Conversions Part 2

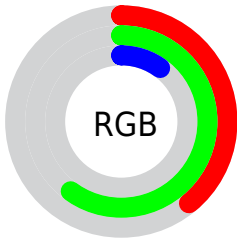
Format	Color
R_YB	26, 153, 79
Decimal	6592794
CIE Lab	57.62, -36.55, 55.20
CIE LCh	58, 66.204, 123.513
Yxy	25.5664, 0.3549, 0.5391
Android (android.graphics.Color)	4284782874 (0xFF64991A)
YUV	122.6750, -47.6608, -19.8860
Hunter-Lab	50.5632, -29.0604, 29.5021

Details

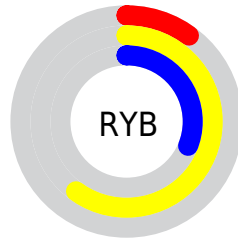
The Hex color **64991A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4F1A99**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9BD053**, and **2D6500** is the 20% darker color. If you saturate the color by 10%, you get **5E990B**, and if you desaturate by 10%, it is **6A9929**.

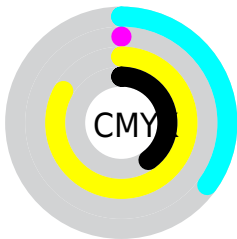
Distribution



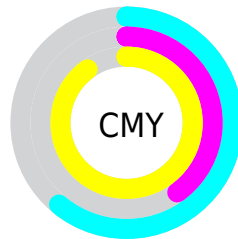
- Red (39%)
- Green (60%)
- Blue (10%)



- Red (10%)
- Yellow (60%)
- Blue (31%)



- Cyan (35%)
- Magenta (0%)
- Yellow (83%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64991A 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 64991A by changing the saturation by 10% instead.



64991A



64991A

FFFFFF



497F00



9BD053



2D6500



B7EC6E



0D4D00



D4FF89



003600



F2FFA4



002200



FFFFC0



000000



FFFFDD



FFFFFFA



64991A



64991A

■ 5E990B

■ 6A9929

■ 599900

■ 719939

■ 779948

■ 7E9957

■ 849966

■ 8A9976

■ 919985

■ 979994

■ 9D99A4

Harmonies

Analogous

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



A08A00



64991A



00A154

Triad

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



64991A



009EF2



F04D86

Complementary

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



64991A



4F1A99

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.



D55CBF



64991A



008FFF

Square

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



64991A



00A4C9



9278EC



EB5A4E

Rectangle

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



64991A



00A47C



9278EC



EB4F9A

Sweetspot

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



64991A



B2C795



994F1A



576346



E3E3E3



636363

Same Dimension

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



64991A



74C700



25991A



494D45



528C00



070D00

Inverse Universe

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



4F1A99



5300C7



8E1A99



48454D



3B008C



05000D

Previews

White Background



This preview shows how the Hex color 64991A looks on a white background.

Color Contrast Check

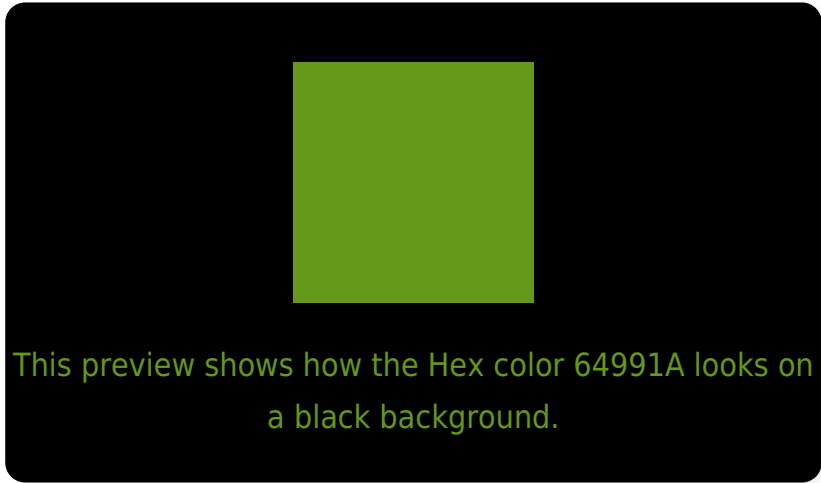
Large Text (above 18pt) WCAG AA ✓ Pass

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 64991A Background



This preview shows how black text looks on a background with the Hex color 64991A.



This preview shows how white text looks on a background with the Hex color 64991A.

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
64991A

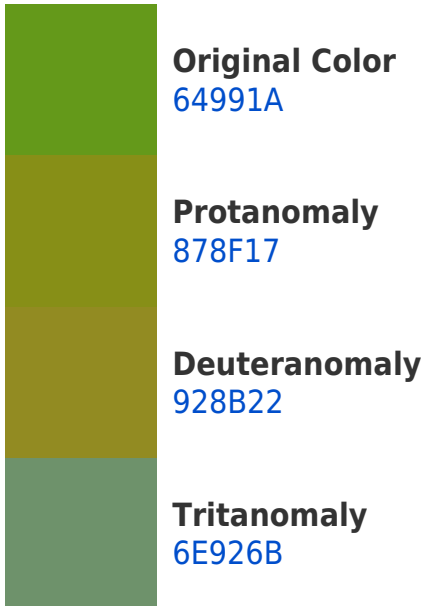
Protanopia
9B8A16

Deuteranopia
AD8326

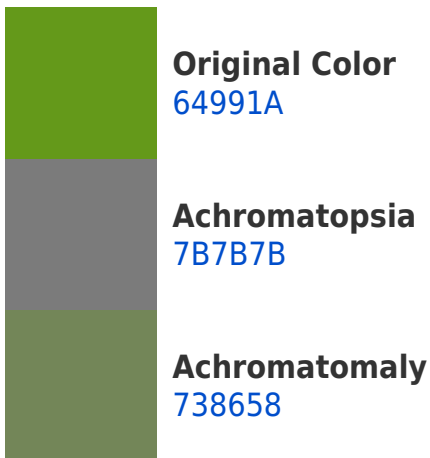


Tritanopia
748E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64991A 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 #64991A looks like.

```
.text, #text, p{  
    color:#64991A  
}
```

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 #64991A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64991A
}
```

Border

The CSS property to change the border of an element to Hex 64991A 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
#64991A }
```

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

```
.border{ border-color:#64991A }
```

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

Here you see how a box with a 4 pixel #64991A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64991A; -webkit-box-shadow:4px 4px  
4px 4px #64991A; box-shadow:4px 4px 4px  
4px #64991A }
```

Background

The CSS property to change the background color of an element to Hex 64991A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64991A }
```

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

```
.background{ background-color:#64991A }
```

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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