

Converting Colors

Hex(619512)

Have a look what the booklet for
Hex(619512) contains.

Hex(619512)	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(619512)

Conversions

Conversions Part 1

Format	Color
Hex	619512
RGB	97, 149, 18
RGB Percent	38%, 58%, 7%
CMY	0.6196, 0.4157, 0.9294
CMYK	0.35, 0.00, 0.88, 0.42
HSL	84°, 78%, 33%
HSV	84°, 88%, 58%
XYZ	15.7864, 24.0800, 4.3881
YIQ	118.5180, 11.0590, -51.7650

Conversions

Conversions Part 2

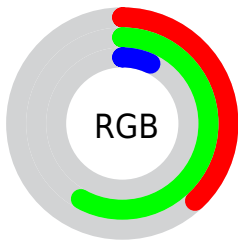
Format	Color
RYB	18, 149, 70
Decimal	6395154
CIELab	56.17, -36.22, 55.86
CIELCh	56, 66.575, 122.965
Yxy	24.0800, 0.3567, 0.5441
Android (android.graphics.Color)	4284585234 (0xFF619512)
YUV	118.5180, -49.5554, -18.8713
Hunter-Lab	49.0713, -28.4508, 29.0480

Details


The Hex color **619512** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **461295**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **98CB4D**, and **2A6200** is the 20% darker color. If you saturate the color by 10%, you get **5B9503**, and if you desaturate by 10%, it is **679521**.

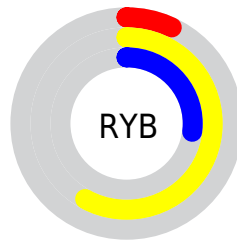
Distribution



 Red (38%)

 Green (58%)

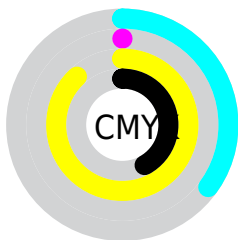
 Blue (7%)




 Red (7%)

 Yellow (58%)

 Blue (27%)

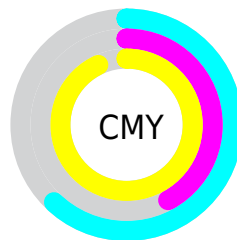


 Cyan (35%)

 Magenta (0%)

 Yellow (88%)

 Black (42%)



 Cyan (62%)

 Magenta (42%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 619512 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 619512 by changing the saturation by 10% instead.



619512



619512

FFFFFF



467B00



98CB4D



2A6200



B4E868



074900



D1FF83



003200



EEFF9F



001E00



FFFFBB



000000



FFFFD7



FFFFF4



619512



619512

■ 5B9503

■ 679521

■ 5A9500

■ 6D9530

■ 73953F

■ 79954E

■ 7F955C

■ 84956B

■ 8A957A

■ 909589

■ 969598

Harmonies

Analogous

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



9C8600



619512



009D4F

Triad

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



619512



009AEE



EC4883

Complementary

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



619512



461295

Split Complementary

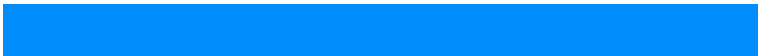
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D058BC



619512



008CFB

Square

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



619512



00A0C4



8D74E9



E7554B

Rectangle

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



619512



00A077



8D74E9



E64B97

Sweetspot

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



619512



AEC28F



954412



556143



E0E0E0



616161

Same Dimension

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



619512



75C200



219512



474A43



538A00



060A00

Inverse Universe

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



461295



4D00C2



861295



45434A



37008A



04000A

Previews

White Background



This preview shows how the Hex color 619512 looks on a white background.

Color Contrast Check

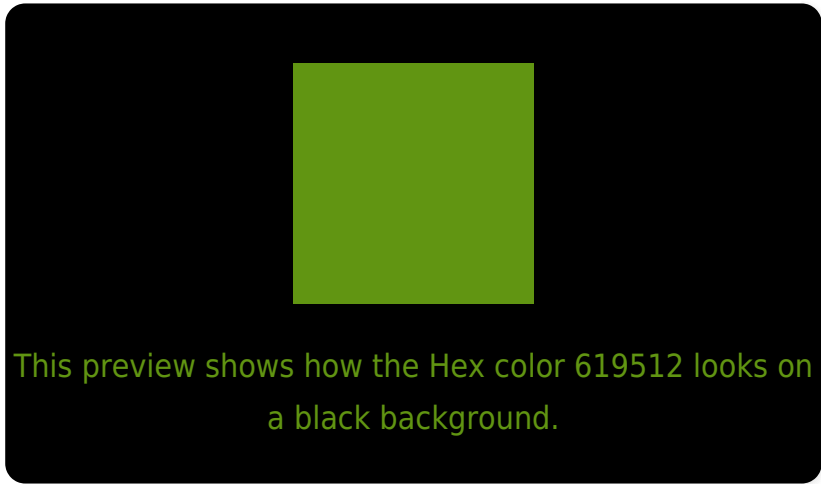
Large Text (above 18pt) WCAG AA ✓ Pass

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 619512 Background



This preview shows how black text looks on a background with the Hex color 619512.



This preview shows how white text looks on a background with the Hex color 619512.

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





Tritanopia
708B96

Trichromacy



Original Color
619512

Protanomaly
838B0F

Deuteranomaly
8F871C

Tritanomaly
6B8F66

Monochromacy



Original Color
619512

Achromatopsia
777777

Achromatomaly
6F8252

CSS Examples

Text

The CSS property to change the color of the text to Hex 619512 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 #619512 looks like.

```
.text, #text, p{  
    color:#619512  
}
```

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 #619512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #619512
}
```

Border

The CSS property to change the border of an element to Hex 619512 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
#619512 }
```

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

```
.border{ border-color:#619512 }
```

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

Here you see how a box with a 4 pixel #619512 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #619512; -webkit-box-shadow:4px 4px  
4px 4px #619512; box-shadow:4px 4px 4px  
4px #619512 }
```

Background

The CSS property to change the background color of an element to Hex 619512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#619512 }
```

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

```
.background{ background-color:#619512 }
```

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